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ABSTRACT

The number of educational personnel prepared by institutions of the State University of New York and recommended to the New York State Education Department for educational certification during the period July 1, 1968 through June 30, 1979, is summarized in statistical form. Detailed descriptions of the last three years are provided. (Editor/RJG)

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PREPARATION OF EDUCATIONAL PERSONNEL
1976-77 THROUGH 1978-79
WITH TRENDS FROM 1968-69

STATE UNIVERSITY OF NEW YORK

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

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Office of
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Report No. 10-80

PREPARATION OF EDUCATIONAL PERSONNEL

1976-77 THROUGH 1978-79

WITH TRENDS FROM 1968-69

Report Number 10-80

CENTRAL STAFF OFFICE OF INSTITUTIONAL RESEARCH
AND ANALYTICAL STUDIES
STATE UNIVERSITY OF NEW YORK
March 1980

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PREFACE

This report represents the results of the Central Staff Office of Institutional Research and Analytical Studies annual surveys of Educational Certifications Recommended to the New York State Education Department from 1976-77 through 1978-79. Summary data are included from 1968-69. Detailed tables from 1966-67 through 1975-76 are included in earlier publications from this office. These publications are available in all State University of New York libraries (see Publications List, page 137).

The publication of a report containing such detail as this could not have been accomplished without the full cooperation of the institutional respondents and the professional, statistical and typing staffs of the Central Staff Office of Institutional Research and Analytical Studies.

Tommy Annas
Assistant Vice Chancellor

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INTRODUCTION

This report is a summary of the number of educational personnel prepared by institutions of the State University of New York and recommended to the New York State Education Department for educational certification. The period covered by this report is July 1, 1968 through June 30, 1979, with detailed descriptions of the latter three years.

Tables 1 through 6 contain trend data covering from 1968-69. Table 1 arrays the total number of certifications by recommending institution, 1968-69 through 1978-79; in Tables 2 and 3 these data are arrayed separately for provisional and permanent certifications. Table 4 arrays the total number of certifications by area of certification, 1968-69 through 1978-79; in Tables 5 and 6 these data are arrayed separately for provisional and permanent certifications. The balance of this report is in three sections covering the three most recent years in great detail: 1976-77, 1977-78 and 1978-79. Separate data are provided for provisional and permanent certifications, as well as data regarding sex of the recipients.

It is important to bear in mind that the data presented here are not an exact statement of the actual number of educational personnel prepared by institutions of the State University of New York. What is reported here, is the number of Educational Certifications recommended to the State Education Department by institutions of the State University. There are educational personnel who are trained, in whole or in part, by the State University who do not appear in data presented in this report. Consequently, the data understate the activity of the State University in the preparation of educational personnel. There are a number of reasons for this. A student may meet every requirement for recommendation by the institution, but may apply directly to the State Education Department for certification. Other students meeting all the requirements may not apply for certification through their college because they may be moving out of state, do not intend to teach upon graduation, and for other reasons. Still other students may have been enrolled only in those courses which when added to courses taken elsewhere, fulfill certification requirements either through a different institution, or by direct application to the State Education Department in the case where the certification area is not available at that institution. This last case illustrates the involvement of an institution in the partial preparation of educational personnel without being permitted to reflect that involvement in this report.

For purposes of this report, a student who was recommended for certification in more than one area within the twelve month reporting period was enumerated in more than one area, except where "dual certificates" are noted. Prior to 1974-75, the duplicated enumeration was unknown, but was expected to be so small as to have little statistical significance. In subsequent surveys the duplicated enumeration can be ascertained from the footnotes. The duplicated enumeration continues to be small.

SUMMARY OF DATA

The summary tables in Part One of the report exhibit data concerning trends in the number of certifications recommended by institution and by certification area.

The following table summarizes the percent changes from year to year throughout the ten-year period for; all certifications recommended, and for provisional and permanent certifications.

Period of comparison	Percent change		
	Total	Provisional	Permanent
1968-69 to 1969-70	- 2.2	+ 0.7	- 15.1
1969-70 to 1970-71	+ 3.5	+ 4.6	- 2.1
1970-71 to 1971-72	+ 19.1	+ 9.6	+ 73.2
1971-72 to 1972-73	+ 2.2	+ 0.3	+ 9.1
1972-73 to 1973-74	- 9.2	- 10.6	- 4.7
1973-74 to 1974-75	- 8.4	- 12.7	+ 5.1
1974-75 to 1975-76	- 3.3	- 4.9	+ 0.7
1975-76 to 1976-77	- 11.8	- 10.7	- 14.5
1976-77 to 1977-78	- 17.6	- 15.7	- 22.2
1977-78 to 1978-79	- 15.1	- 14.0	- 18.2

The data indicate declines from 1972-73 through 1978-79 in the overall numbers of certifications recommended. The sharpest declines are evident in the last three years of comparison for all types of educational certifications.

PART ONE

SUMMARY TABLES

1968-69 THROUGH 1978-79

TABLE 1--INSTITUTION SUMMARY OF EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTIONS OF THE STATE UNIVERSITY OF NEW YORK, 1968-69 THROUGH 1978-79

Institution	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79
State University total	10,013	9,794	10,141	12,078	12,341	11,201	10,265	9,924	8,753	7,216	6,123
University Centers	1,643	1,643	2,095	2,507	2,247	1,922	1,800	1,644	1,496	959	853
Albany	812	755	838	973	998	758	833	681	690	514	456
Binghamton	13	22	22	45	55	32	46	43	60	54	34
Buffalo	531	526	778	670	705	595	478	438	335	272	293
Stony Brook	287	340	457	819	489	537[a]	443	482[b]	351	119	70
University Colleges	8,157	7,994	7,829	9,343	10,031	9,122	8,333	8,199	7,184	6,168	5,172
Brockport	1,423	1,307	788	1,147	1,550	1,321	1,001	889	800	880	535[c]
Buffalo	1,446	1,202	1,189	1,829	1,856	1,831	1,727	1,745[d]	1,582	1,141[h]	1,148
Cortland	710	837	854	1,040	1,021	1,048	1,066[e]	1,154[f]	1,080[g]	879	769
Fredonia	453	503	685	651	657	626	532	519	382	356	334
Geneseo	634	754	593	688	839	713	769	657[i]	643	550	523
New Paltz	862	729	733	809	940	950	810	1,069	765	687	457
Old Westbury	-	-	-	-	-	-	21	32	47	52	52
Oneonta	661	855	942	880	808	698	667	616[j]	490[k]	438	362
Oswego	1,010	864	1,014	1,205	1,049	931	830	712	676	559	474
Plattsburgh	404	460	498	563	653	536	409	400	358	294	296
Potsdam	554	483	533	531	658	468	501	406	361	332	222
Specialized Colleges	-	-	-	-	-	-	-	-	-	56	49
Technology at Utica/Rome[l]	-	-	-	-	-	-	-	-	-	56	49
Statutory Colleges	213	157	217	228	63	157	132	81	73	33	49
Agriculture and Life Sciences	187	132	172	175	21	113	65	61[m]	35	28	19
Human Ecology	26	25	45	53	42	44	67	20	38	5	30

[a] Includes 23 students from the College at Old Westbury.

[b] Includes 11 students reported in more than one area.

[c] Does not include previously reported Individual Record Assessments made on behalf of the New York State Education Department for students not completing an approved program.

[d] Includes 294 students reported in two areas.

[e] Includes 28 students from the College at Utica/Rome.

[f] Includes 46 students from the College at Utica/Rome.

[g] Includes 44 students from the College at Utica/Rome.

[h] Includes 16 students from the College at Utica/Rome.

[i] Excludes 29 students who applied directly to the State Education Department for certification as School Media Specialist (Library).

[j] Includes 78 students from the College at Utica/Rome.

[k] Includes 8 students from the College at Utica/Rome.

[l] In order to facilitate comparison, data for the College of Technology at Utica/Rome are reported under the institutional category of Specialized Colleges in this part of the report. Detailed information for this institution are included under the University Colleges category in Part Three of this report.

[m] Includes four students recommended for certification in both Biology (7-12) and Chemistry (7-12), (eight certifications).

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TABLE 2--INSTITUTION SUMMARY OF PROVISIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTIONS OF THE STATE UNIVERSITY OF NEW YORK, 1968-69 THROUGH 1978-79

Institution	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79
State University total	8,193	8,248	8,627	9,456	9,480	8,475	7,399	7,038	6,286	5,296	4,552
University Centers	1,162	1,269	1,571	1,894	1,519	1,354	1,126	1,099	922	545	438
Albany	519	500	497	575	590	435	384	344	350	287	225
Binghamton	-	-	-	-	-	-	-	-	-	-	3
Buffalo	356	429	617	500	468	390	308	273	222	139	140
Stony Brook	287	340	457	819	461	529	434	482	350	119	70
University Colleges	6,910	6,876	6,906	7,427	7,910	6,999	6,165	5,892	5,309	4,692	4,043
Brockport	1,149	1,079	788	915	1,312	1,060	774	676	553	641	445[a]
Buffalo	1,184	1,202	1,189	1,113	1,220	1,154	1,043	1,127	1,029	749	757
Cortland	710	701	736	810	737	803	809	857	550	717	663
Fredonia	407	425	573	533	532	480	412	384	274	270	245
Geneseo	507	583	471	601	662	627	681	564	542	417	410
New Paltz	694	585	568	690	667	593	416	495	378	375	212
Old Westbury	-	-	-	-	-	-	21	32	47	52	52
Oneonta	583	760	852	756	749	616	593	554	443	391	343
Oswego	863	791	885	1,064	920	836	685	567	629	526	431
Plattsburgh	338	361	407	474	535	428	312	312	260	254	274
Potsdam	475	389	437	471	576	402	419	324	304	300	211
Specialized Colleges	-	-	-	-	-	-	-	-	-	34	29
Technology at Utica/Rome[b]	-	-	-	-	-	-	-	-	-	34	29
Statutory Colleges	121	103	150	135	51	122	108	47	55	25	42
Agriculture and Life Sciences	99	81	109	88	14	78	44	31	21	21	12
Human Ecology	22	22	41	47	37	44	64	16	34	4	30

[a] Does not include previously reported Individual Record Assessments made on behalf of the New York State Education Department for students not completing an approved program.

[b] In order to facilitate comparison, data for the College of Technology at Utica/Rome are reported under the institutional category of Specialized Colleges in this part of the report. Detailed information for this institution are included under the University Colleges category in Part Three of this report.

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TABLE 3--INSTITUTION SUMMARY OF PERMANENT CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTIONS OF THE STATE UNIVERSITY OF NEW YORK, 1968-69 THROUGH 1978-79

Institution	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79
State University total	1,820	1,546	1,514	2,622	2,861	2,726	2,866	2,886	2,467	1,920	1,571
University Centers	481	374	524	613	728	568	674	545	574	414	415
Albany	293	255	341	398	408	323	449	337	340	227	231
Binghamton	13	22	22	45	55	32	46	43	60	54	31
Buffalo	175	97	161	170	237	205	170	165	173	133	153
Stony Brook	-	-	-	-	28	8	9	-	1	-	-
University Colleges	1,247	1,118	923	1,916	2,121	2,123	2,168	2,307	1,875	1,476	1,129
Brockport	274	228	-	232	238	261	227	213	247	239	90[a]
Buffalo	262	-	-	716	636	677	684	618	553	392	391
Cortland	-	136	118	230	284	245	257	297	230	162	106
Fredonia	46	78	112	118	125	146	120	135	108	86	89
Geneseo	127	171	122	87	177	86	88	93	101	133	113
New Paltz	168	144	165	119	273	357	394	574	387	312	245
Old Westbury	-	-	-	-	-	-	-	-	-	-	-
Oneonta	78	95	90	124	59	82	74	62	47	47	19
Oswego	147	73	129	141	129	95	145	145	47	33	43
Plattsburgh	66	99	91	89	118	108	97	88	98	40	22
Potsdam	79	94	96	60	82	66	82	82	57	32	11
Specialized Colleges	-	-	-	-	-	-	-	-	-	22	20
Technology at Utica/Rome[b]	-	-	-	-	-	-	-	-	-	22	20
Statutory Colleges	92	54	67	93	12	35	24	34	18	8	7
Agriculture and Life Sciences	88	51	63	87	7	35	21	30	14	7	7
Human Ecology	4	3	4	6	5	-	3	4	4	1	-

[a]Does not include previously reported Individual Record Assessments made on behalf of the New York State Education Department for students not completing an approved program.

[b]In order to facilitate comparison, data for the College of Technology at Utica/Rome are reported under the institutional category of Specialized Colleges in this part of the report. Detailed information for this institution are included under the University Colleges category in Part Three of this report.

TABLE 4--CERTIFICATION AREA SUMMARY OF EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT STATE UNIVERSITY OF NEW YORK 1968-69 THROUGH 1978-79

Certification area[a]	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79
All certifications recommended	10,013	9,794	10,142	12,078	12,341	11,201	10,265	9,924[b]	8,753[c]	7,216[d]	6,123[e]
School District Administrator[f]	44	24	34	22	25	35	32	36	21	38	21
School Administrator and Supervisor[f]	202	189	27	38	42	49	64	108	105	77	66
School Nurse Teacher	17	20	21	22	25	13	5	5	5	6	5
School Counselor[f]	170	128	147	122	124	94	93	68	87	58	90
School Psychologist	6	18	16	11	17	23	26	23	46	20	23
Elementary Teacher, N-6[f]	3,183	3,318	3,507	4,477	4,759[g]	4,164[g]	3,804	3,849	2,985	2,314	1,822
Elementary Teacher, N-6 and English (7-9)[f]	162	143	158	172	181	164	100	95	78	61	37
Elementary Teacher, N-6 and Social Studies (7-9)	199	181	175	199	229	158	145	131	139	91	56
Elementary Teacher, N-6 and French (7-9)	5	11	17	24	19	23	21	8	12	7	1
Elementary Teacher, N-6 and Spanish (7-9)	5	4	15	15	19	12	7	10	17	6	6
Elementary Teacher, N-6 and Latin (7-9)	-	-	1	-	-	-	1	-	-	-	-
Elementary Teacher, N-6 and German (7-9)	-	-	-	1	4	1	-	1	1	4	2
Elementary Teacher, N-6 and Mathematics (7-9)	182	164	154	182	170	151	126	108	78	64	52
Elementary Teacher, N-6 and General Science (7-9)	85	92	87	105	72	73	66	49	33	20	22
English (7-12)	813	747	900	1,098	989	857	694	535	449	412	250
Social Studies (7-12)	875	863	1,034	1,130	1,014	803	633	613	500	381	245
French (7-12)	200	184	191	184	163	192	127	106	106	74	43
Spanish (7-12)	120	149	126	139	174	157	151	133	128	91	67
Latin (7-12)	12	13	14	13	15	5	6	4	5	3	2

[a]Certification areas from Teacher Education Programs, April 1978: Albany, New York, State Education Department

[b]Includes 309 students recommended for certification in more than one area (621 certifications).

[c]Includes 10 students recommended for certification in more than one area.

[d]Includes 19 students recommended for certification in more than one area.

[e]Includes 130 students recommended for certification in more than one area.

[f]See Appendix for changes in certification areas.

[g]Includes two students also recommended for certification in Music.

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TABLE 4--CERTIFICATION AREA SUMMARY OF EDUCATION CERTIFICATIONS
RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT
STATE UNIVERSITY OF NEW YORK, 1968-69 THROUGH 1978-79
(Continued)

Certification area	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79
All certifications recommended (continued)											
German (7-12)	35	20	26	31	28	28	23	23	24	13	16
Russian (7-12)	10	9	7	9	8	6	4	9	3	2	2
Italian (7-12)	-	4	1	2	2	2	10	4	8	9	6
Mathematics (7-12)[a]	520	443	521	593	547	506	426	343	283	215	135
Biology (7-12)	249	247	254	288	288	236	235[b]	195	191	141	109
Chemistry (7-12)	74	74	76	79	63	64	49	50	29	44	22
Physics (7-12)	65	40	49	57	37	33	31	23	11	15	10
Earth Science (7-12)[c]	47	55	50	84	106	88	52	51	44	36	41
General Science (7-12)[d]	-	-	-	-	-	32	-	-	-	-	-
Agriculture	29	28	21	21	21	26	31	27	29	28	19
Art	294	255	252	322	298	331	285	288	272	168	185
Health[e]	287	268	132	143	215	253	214	214	170	138	109
Home Economics[c]	232	235	223	270	228	246	236	190	182	128	161
Industrial Arts	298	316	324	390	431	381	367	348[f]	354	311	305
School Media Specialist (Library)[c]	93	112	63	81	104	45	74	43	47	52	60
Music	233	225	210	204	249	236	248	240	225	204	225
Physical Education[c]	477	470	415	531	620	601	533	592	622	594	524
Recreation	23	19	69	47	56	70	79	94	69	63	62
Speech	48	36	58	52	55	44	49	41	26	29	18
Business Education[c]	174	180	180	174	187	141	143	98	48	36	24
Business and Distributive Education[c]	-	7	9	22	18	29	57	85	126	92	69
Trade Subjects[c]	154	91	221	199	84	108	144	75	89	59	44
Technical Subjects[c]	1	-	4	12	2	23	1	24	18	3	10

[a] Includes students also recommended for certification in Physics (7-12) as follows: 1971-72 = 2; 1972-73 = 1; 1974-75 = 5.

[b] Includes six students who were also recommended for certification in Chemistry (7-12) and one student who was also recommended for certification in Earth Science (7-12).

[c] See Appendix for changes in certification areas.

[d] General Science (7-12) was reported by the College of Agriculture and Life Sciences in 1973-74. This is not a separate certification area, but rather an endorsement when a student is certified in more than one secondary science area.

[e] Includes students also recommended for certification in Physical Education as follows: 1972-73 = 1; 1973-74 = 10.

[f] Excludes 29 students from Geneseo who applied directly to the State Education Department for certification.

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TABLE 4--CERTIFICATION AREA SUMMARY OF EDUCATION CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT STATE UNIVERSITY OF NEW YORK, 1968-69 THROUGH 1978-79 (Continued)

Certification area	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79
All certifications recommended (continued)											
Speech and Hearing Handicapped	149	146	153	233	300	361	405	463	478	413	331
Deaf	7	7	4	-	2	[illegible]	1	4	11	7	10
School Dental Hygiene Teacher[a]	40	34	-	27	8	4	-	-	-	-	-
Special Education[a]	180	177	195	253	343	340[b]	457	539	579	596[c]	619
Reading Teacher	-	-	-	-	-	-	-	-	-	32	205
Other areas	14	38[d]	-	-	-	-	-	-	-	11[e]	[illegible][e]

[a]See Appendix for changes in certification areas.

[b]Includes 124 students also recommended for certification as Elementary Teacher, N-6.

[c]Includes 68 students also recommended for certification as Elementary Teacher, N-6.

[d]Includes "Special 5th Year" (now obsolete) as follows: Elementary Teacher, N-6, Mathematics (7-12) and Social Studies (7-12).

[e]Includes Nursery School-Kindergarten and Coordinator of Diversified Work-Study Programs.

TABLE 5--CERTIFICATION AREA SUMMARY OF PROVISIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT STATE UNIVERSITY OF NEW YORK, 1968-69 THROUGH 1978-79

Certification area[a]	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79
All areas	8,193	8,248	8,627	9,456	9,480	8,475	7,399	7,038	6,286	5,296	4,552
School District Administrator[b]	-	-	-	-	-	-	-	-	-	-	-
School Administrator and Supervisor[b]	46	54	5	-	1	-	-	-	-	12	-
School Nurse Teacher	13	-	17	-	24	3	3	4	3	6	3
School Counselor	38	49	49	42	46	43	37	21	32	37	33
School Psychologist	-	6	5	1	-	-	-	-	-	8	4
Elementary Teacher, N-6[b]	3,004	3,072	3,196	3,664	3,669[c]	3,022[c]	2,545	2,489	1,955	1,557	1,235
Elementary Teacher, N-6 and English (7-9)	142	124	120	112	127	95	83	78	65	52	32
Elementary Teacher, N-6 and Social Studies (7-9)	190	170	164	170	198	134	118	110	119	82	53
Elementary Teacher, N-6 and French (7-9)	5	11	17	24	18	21	20	8	11	6	1
Elementary Teacher, N-6 and Spanish (7-9)	4	3	14	14	19	12	7	10	16	6	6
Elementary Teacher, N-6 and Latin (7-9)	-	-	1	-	-	-	1	-	-	-	-
Elementary Teacher, N-6 and German (7-9)	-	-	-	1	4	1	-	1	1	4	2
Elementary Teacher, N-6 and Mathematics (7-9)	170	154	139	158	147	125	93	88	54	57	46
Elementary Teacher, N-6 and General Science (7-9)	74	89	66	77	61	62	42	33	44	16	20
English (7-12)	656	624	739	892	791	657	504	412	311	318	188
Social Studies (7-12)	695	686	857	902	773	610	448	443	377	285	191
French (7-12)	165	151	153	148	129	149	97	82	83	54	31
Spanish (7-12)	109	134	106	119	151	139	135	108	109	81	58
Latin (7-12)	10	9	13	11	6	4	3	2	2	2	2
German (7-12)	26	14	20	29	18	26	18	19	16	12	15
Russian (7-12)	8	9	7	7	7	6	4	9	2	2	2
Italian (7-12)	-	4	1	2	2	2	9	3	8	9	6

[a]Certification areas from Teacher Education Programs, April 1978: Albany, New York, State Education Department.

[b]See Appendix for changes in certification areas.

[c]Includes two students also recommended for certification in Music.

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TABLE 5--CERTIFICATION AREA SUMMARY OF PROVISIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT STATE UNIVERSITY OF NEW YORK, 1968-69 THROUGH 1978-79
(Continued)

Certification area	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79
All areas (continued)											
Mathematics (7-12)	394	365	458	454	421[a]	418	333	246	196	137	75
Biology (7-12)	196	189	206	205	203	181	180	133	137	94	74
Chemistry (7-12)	49	55	60	56	51	49	32	39	23	35	7
Physics (7-12)	35	27	36	36	31	25	27	13	6	12	9
Earth Science (7-12)	37	41	47	50	73	74	50	41	33	31	32
General Science (7-12)	-	-	-	-	-	22	-	-	-	-	-
Agriculture	24	25	17	14	14	19	21	15	20	21	12
Art	215	236	232	254	251	282	222	236	222	145	152
Health	256	240	119	111	156	192[b]	179	192	155	112	100
Home Economics	183	211	201	216	174	187	179	149	149	97	141
Industrial Arts	277	316	324	324	359	320	307	269	328	294	282
School Media Specialist (Library)	35	33	3	8	-	-	1	-	-	5	-
Music	174	162	167	164	194	172	207	203	201	182	191
Physical Education	384	416	390	465	562	545	469	530	544	526	495
Recreation	23	17	62	43	52	63	69	86	65	58	60
Speech	44	28	53	48	48	36	42	32	21	20	15
Business Education	116	146	133	116	121	90	69	28	15	11	4
Business and Distributive Education	-	-	5	13	10	26	49	72	116	78	60
Trade Subjects	105	57	132	119	30	56	54	32	52	36	32
Technical Subjects	-	-	4	12	2	22	1	7	9	3	2
Speech and Hearing Handicapped	114	128	124	183	254	309	356	403	381	318	277
Deaf	7	6	-	-	-	-	-	-	-	-	-
School Dental Hygiene Teacher	-	-	-	-	-	-	-	-	-	-	-
Special Education	161	172	185	192	283	276[c]	385	392	405	396[d]	420
Reading Teacher	-	-	-	-	-	-	-	-	-	79	182
Other areas	9	15	-	-	-	-	-	-	-	2[e]	2[e]

[a]Includes one student also recommended for certification in Physics (7-12).

[b]Includes one student also recommended for certification in Physical Education.

[c]Includes 114 students also recommended for certification as Elementary Teacher, N-6.

[d]Includes 65 students also recommended for certification as Elementary Teacher, N-6.

[e]Includes Nursery School-Kindergarten.

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TABLE 6--CERTIFICATION AREA SUMMARY OF PERMANENT CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT STATE UNIVERSITY OF NEW YORK, 1968-69 THROUGH 1978-79

Certification area[a]	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79
All areas	1,820	1,546	1,514	2,622	2,861	2,726	2,866	2,886	2,467	1,920	1,571
School District Administrator[b]	44	34	34	22	25	35	32	36	21	38	21
School Administrator and Supervisor[b]	156	135	22	38	41	49	64	108	105	65	66
School Nurse Teacher	4	20	4	22	1	10	2	1	2	2	2
School Counselor	132	79	98	80	78	51	56	47	55	21	57
School Psychologist	6	12	11	10	17	23	26	23	46	12	19
Elementary Teacher, N-6[b]	179	246	311	813	1,090	1,142	1,259	1,360	1,030	757	587
Elementary Teacher, N-6 and English (7-9)	20	19	38	60	54	69	17	17	13	9	5
Elementary Teacher, N-6 and Social Studies (7-9)	9	11	11	29	31	24	27	21	20	9	3
Elementary Teacher, N-6 and French (7-9)	-	-	-	-	1	2	1	-	1	1	-
Elementary Teacher, N-6 and Spanish (7-9)	1	1	1	1	-	-	-	-	1	-	-
Elementary Teacher, N-6 and Latin (7-9)	-	-	-	-	-	-	-	-	-	-	-
Elementary Teacher, N-6 and German (7-9)	-	-	-	-	-	-	-	-	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	12	10	15	24	23	26	33	20	24	7	6
Elementary Teacher, N-6 and General Science (7-9)	11	3	21	28	11	11	24	16	9	4	2
English (7-12)	157	123	161	206	198	200	190	123	138	94	62
Social Studies (7-12)	180	177	177	228	241	193	185	170	123	96	54
French (7-12)	35	33	38	36	34	43	30	24	23	20	12
Spanish (7-12)	11	15	20	20	23	18	16	25	19	10	9
Latin (7-12)	2	4	1	2	9	1	3	2	3	1	-
German (7-12)	9	6	6	2	10	2	5	4	8	1	1
Russian (7-12)	2	-	-	2	1	-	-	-	1	-	-
Italian (7-12)	-	-	-	-	-	-	1	1	-	-	-

[a]Certification areas from Teacher Education Programs, April 1978: Albany, New York, State Education Department.

[b]Includes one student also recommended for certification in Physical Education.

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TABLE 6--CERTIFICATION AREA SUMMARY OF PERMANENT CERTIFICATIONS
RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT
STATE UNIVERSITY OF NEW YORK, 1968-69 THROUGH 1978-79
(Continued)

Certification area	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79
All areas (continued)											
Mathematics (7-12)	126	78	83	139	126	88	93	97	87	78	60
Biology (7-12)	53	58	48	83	85	55	55	62	54	47	35
Chemistry (7-12)	25	19	16	23	12	15	17	11	6	9	4
Physics (7-12)	30	13	13	21	6	8	4	5	5	3	1
Earth Science (7-12)	10	14	3	34	33	14	3	10	11	5	9
General Science (7-12)	-	-	-	-	-	10	-	-	-	-	-
Agriculture	5	3	4	7	7	7	10	12	9	7	7
Art	79	19	20	68	47	49[a]	63	52	50	23	33
Health	31	28	13	32	59[a]	51[a]	35	22	15	26	9
Home Economics	49	24	22	54	54	59	57	41	33	31	20
Industrial Arts	21	-	-	66	72	61	60	79	26	17	23
School Media Specialist (Library)	58	79	60	73	104	45	73	43	47	47	60
Music	59	2	43	40	55	64	41	37	24	22	34
Physical Education	93	54	25	66	58	56	64	62	78	68	29
Recreation	-	2	7	4	4	7	10	8	4	5	2
Speech	4	8	5	4	7	8	7	9	5	9	3
Business Education	58	34	47	58	66	51	74	50	33	25	20
Business and Distributive Education	-	7	4	9	8	3	8	13	10	14	9
Trade Subjects	50	34	89	80	54	52	90	43	37	23	12
Technical Subjects	-	-	-	-	-	1	-	17	9	-	8
Speech and Hearing Handicapped	35	18	29	50	46	52	49	60	97	95	54
Deaf	-	1	4	-	2	5	1	4	11	7	10
School Dental Hygiene Teacher	40	34	-	27	8	1	-	-	-	-	-
Special Education	19	5	10	61	60	55[b]	81	147	174	200[c]	199
Reading Teacher	-	-	-	-	-	-	-	-	-	3	23
Other areas	5	23	-	-	-	-	-	-	-	9[d]	1[d]

[a]Includes one student also recommended for certification in Physical Education.

[b]Includes 10 students also recommended for certification as Elementary Teacher, N-6.

[c]Includes 3 students also recommended for certification as Elementary Teacher, N-6.

[d]Includes Coordinator of Diversified Cooperative Work-Study Programs.

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PART TWO

DETAILED TABLES, 1976-77

TABLE 7--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977

Institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	8,753	2,460	6,293	6,286	1,834	4,452	2,467	626	1,841
University Centers	1,496	366	1,130	922	230	692	574	136	438
Albany	690	152	538	350	75	275	340	77	263
Binghamton	60	10	50	-	-	-	60	10	50
Buffalo	395	135	260	222	87	135	173	48	125
Stony Brook	351	69	282	350	68	282	1	1	-
University Colleges	7,184	2,069	5,115	5,309	1,586	3,723	1,875	483	1,392
Brockport	800	273	527	553	208	345	247	65	182
Buffalo	1,582	469	1,113	1,029	330	699	553	139	414
Cortland[a]	1,080	345	735	850	280	570	230	65	165
Fredonia	382	104	278	274	78	196	108	26	82
Geneseo	643	80	563	542	65	477	101	15	86
New Paltz	765	189	576	378	112	266	387	77	310
Old Westbury	47	6	41	47	6	41	-	-	-
Oneonta[b]	490	81	409	443	70	373	47	11	36
Oswego	676	317	359	629	287	342	47	30	17
Plattsburgh	358	95	263	260	53	207	98	42	56
Potsdam	361	110	251	304	97	207	57	13	44
Statutory Colleges	73	25	48	55	18	37	18	7	11
Agriculture and Life Sciences	35	25	10	21	18	3	14	7	7
Human Ecology	38	-	38	34	-	34	4	-	4

[a]Includes 44 students from the College at Utica/Rome.

[b]Includes 8 students from the College at Utica/Rome.

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	8,753	2,460	6,293	6,286	1,834	4,452	2,467	626	1,841
University Centers	1,496	366	1,130	922	230	692	574	136	438
Albany	690	152	538	350	75	275	340	77	263
School District Administrator	12	12	-	-	-	-	12	12	-
School Administrator and Supervisor	5	2	3	-	-	-	5	2	3
School Counselor	24	8	16	-	-	-	24	8	16
School Psychologist	15	5	10	-	-	-	15	5	10
Elementary Teacher, N-6	68	2	66	-	-	-	68	2	66
English (7-12)	91	15	76	62	13	49	29	2	27
Social Studies (7-12)	77	43	34	51	30	21	26	13	13
French (7-12)	22	1	21	19	-	19	3	1	2
Spanish (7-12)	34	3	31	31	3	28	3	-	3
Latin (7-12)	3	1	2	1	1	-	2	-	2
German (7-12)	7	1	6	4	-	4	3	1	2
Russian (7-12)	2	-	2	1	-	1	1	-	1
Italian (7-12)	6	3	3	6	3	3	-	-	-
Mathematics (7-12)	49	15	34	22	8	14	27	7	20
Biology (7-12)	22	5	17	8	3	5	14	2	12
Chemistry (7-12)	2	1	1	1	-	1	1	1	-
Physics (7-12)	3	2	1	2	1	1	1	1	-
Earth Science (7-12)	1	-	1	-	-	-	1	-	1

*All footnote references appear at the end of this table

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Albany (continued)									
School Media Specialist (Library)	30	1	29	-	-	-	30	1	29
Business Education	43	13	30	12	2	10	31	11	20
Business and Distributive Education	93	15	78	86	11	75	7	4	3
Speech and Hearing Handicapped	64	1	63	44	-	44	20	1	19
Special Education	17	3	14	-	-	-	17	3	14
Binghamton	60	10	50	-	-	-	60	10	50
Elementary Teacher, N-6	22	1	21	-	-	-	22	1	21
English (7-12)	3	-	3	-	-	-	3	-	3
Social Studies (7-12)	12	7	5	-	-	-	12	7	5
French (7-12)	2	-	2	-	-	-	2	-	2
Spanish (7-12)	3	-	3	-	-	-	3	-	3
Mathematics (7-12)	3	1	2	-	-	-	3	1	2
Biology (7-12)	2	-	2	-	-	-	2	-	2
Physics (7-12)	1	-	1	-	-	-	1	-	1
Special Education	12	1	11	-	-	-	12	1	11
Buffalo	395	135	260	222	87	135	173	48	125
School District Administrator	2	1	1	-	-	-	2	1	1
School Administrator and Supervisor	9	6	3	-	-	-	9	6	3
School Counselor	14	6	8	13	6	7	1	-	1
Elementary Teacher, N-6	59	6	53	7	1	6	52	5	47

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Buffalo (continued)									
English (7-12)	47	18	29	31	14	17	16	4	12
Social Studies (7-12)	50	28	22	35	18	17	15	10	5
French (7-12)	10	1	9	3	1	2	7	-	7
Spanish (7-12)	11	3	8	9	2	7	2	1	1
German (7-12)	9	1	8	6	-	6	3	1	2
Russian (7-12)	1	-	1	1	-	1	-	-	-
Italian (7-12)	2	1	1	2	1	1	-	-	-
Mathematics (7-12)	18	12	6	15	10	5	3	2	1
Biology (7-12)	19	11	8	12	7	5	7	4	3
Chemistry (7-12)	7	4	3	4	3	1	3	1	2
Earth Science (7-12)	4	3	1	1	-	1	3	3	-
Art	20	4	16	17	2	15	3	2	1
School Media Specialist (Library)	17	2	15	-	-	-	17	2	15
Music	17	8	9	15	7	8	2	1	1
Physical Education	42	15	27	32	13	19	10	2	8
Speech	3	-	3	1	-	1	2	-	2
Business Education	5	1	4	3	1	2	2	-	2
Business and Distributive Education	18	3	15	15	1	14	3	2	1
Speech and Hearing Handicapped	11	1	10	-	-	-	11	1	10

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Stony Brook	351	69	282	350	68	282	1	1	-
Elementary Teacher, N-6	193	15	178	193	15	178	-	-	-
English (7-12)	28	7	21	28	7[a]	21[b]	-	-	-
Social Studies (7-12)	49	19	30	49	19	30	-	-	-
French (7-12)	7	-	7	7	-	7[c]	-	-	-
Spanish (7-12)	9	-	9	9	-	9	-	-	-
German (7-12)	1	-	1	1	-	1	-	-	-
Mathematics (7-12)	15	7	8	15	7	8[d]	-	-	-
Biology (7-12)	19	12	7	19	12	7	-	-	-
Chemistry (7-12)	2	1	1	2	1	1	-	-	-
Earth Science (7-12)	8	4	4	8	4	4	-	-	-
Health	20	4	16	19	3	16	1	1	-
University Colleges	7,184	2,069	5,115	5,309	1,586	3,723	1,875	483	1,392
Brockport	800	273	527	553	208	345	247	65	182
School Administrator and Supervisor	17	9	8	-	-	-	17	9	8
School Counselor	19	4	15	19	4	15	-	-	-
Elementary Teacher, N-6	239	30	209	129	19	110	110	11	99
Elementary Teacher, N-6 and English (7-9)	5	-	5	4	-	4	1	-	1

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Brockport (continued)									
Elementary Teacher, N-6 and French (7-9)	1	-	1	-	-	-	1	-	1
Elementary Teacher, N-6 and General Science (7-9)	1	1	-	-	-	-	1	1	-
Elementary Teacher, N-6 and Mathematics (7-9)	3	-	3	-	-	-	3	-	3
Elementary Teacher, N-6 and Social Studies (7-9)	8	1	7	7	-	7	1	1	-
English (7-12)	55	12	43	26	9	17	29	3	26
Social Studies (7-12)	45	33	12	30	21	9	15	12	3
French (7-12)	4	-	4	2	-	2	2	-	2
Spanish (7-12)	5	1	4	4	1	3	1	-	1
Mathematics (7-12)	45	16	29	17	6	11	28	10	18
Biology (7-12)	23	15	8	15	10	5	8	5	3
Chemistry (7-12)	7	6	1	7	6	1	-	-	-
Earth Science (7-12)	4	3	1	4	3	1	-	-	-
Health	46	11	35	42	10	32	4	1	3
Physical Education	227	122	105	204	111	93	23	11	12
Speech	4	3	1	4	3	1	-	-	-
Speech and Hearing Handicapped	42	6	36	39	5	34	3	1	2

TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE
NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION,
CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT
STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Buffalo	1,582	469	1,113	1,029	330	699	553	139	414
School Administrator and Supervisor	14	9	5	-	-	-	14	9	5
Elementary Teacher, N-6	454	57	397	208	35	173	246	22	224
Elementary Teacher, N-6 and English (7-9)	15	3	12	8	3	5	7	-	7
Elementary Teacher, N-6 and General Science (7-9)	9	2	7	5	2	3	4	-	4
Elementary Teacher, N-6 and Mathematics (7-9)	10	1	9	4	-	4	6	1	5
Elementary Teacher, N-6 and Social Studies (7-9)	22	6	16	19	5	14	3	1	2
English (7-12)	58	23	35	29	11	18	29	12	17
Social Studies (7-12)	61	37	24	48	29	19	13	8	5
French (7-12)	15	3	12	15	3	12	-	-	-
Spanish (7-12)	10	3	7	10	3	7	-	-	-
Mathematics (7-12)	42	16	26	31	12	19	11	4	7
Biology (7-12)	24	12	12	16	8	8	8	4	4
Chemistry (7-12)	4	4	-	3	3	-	1	1	-
Physics (7-12)	2	1	1	2	1	1	-	-	-
Earth Science (7-12)	12	10	2	5	5	-	7	5	2
Art	171	36	135	132	26	106	39	10	29
Home Economics	59	-	59	41	-	41	18	-	18

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Buffalo (continued)									
Industrial Arts	128	127	1	107	106	1	21	21	-
Business and Distributive Education	15	12	3	15	12	3	-	-	-
Trade Subjects	81	64	17	48	36	12	33	28	5
Technical Subjects	18	-	18	9	-	9	9	-	9
Speech and Hearing Handicapped	90	5	85	52	-	52	38	5	33
Special Education	268	38	230	222	30	192	46	8	38
Cortland	1,080[e]	345	735	850	280	570	230	65	165
School Administrator and Supervisor	8	5	3	-	-	-	8	5	3
Elementary Teacher, N-6	292	21	271	172	11[f]	161[f]	120	10	110
Elementary Teacher, N-6 and English (7-9)	17	3	14	15	3	12	2	-	2
Elementary Teacher, N-6 and French (7-9)	6	-	6	6	-	6	-	-	-
Elementary Teacher, N-6 and General Science (7-)	15	6	9	15	6	9[f]	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	18	4	14	13	4	9	5	-	5
Elementary Teacher, N-6 and Social Studies (7-9)	34	14	20	31	11	20	3	3	-

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Cortland (continued)									
Elementary Teacher, N-6 and Spanish (7-9)	12	1	11	12	1	11	-	-	-
English (7-12)	18	5	13	14	5	9	4	-	4
Social Studies (7-12)	65	37	28	45	25	20	20	12	8
French (7-12)	8	2	6	5	1	4	3	1	2
Spanish (7-12)	11	1	10	11	1	10	-	-	-
Mathematics (7-12)	12	3	9	12	3	9[g]	-	-	-
Biology (7-12)	16	11	5	13	8	5	3	3	-
Physics (7-12)	1	-	1	1	-	1	-	-	-
Earth Science (7-12)	1	-	1	1	-	1	-	-	-
Health	84	25	59	74	22	52	10	3	7
Physical Education	353	169	184	308	144[h]	164	45	25	20
Recreation	69	37	32	65	34	31	4	3	1
Speech	5	-	5	2	-	2	3	-	3
Speech and Hearing Handicapped	35	1	34	35	1	34[i]	-	-	-
Fredonia	382	104	278	274	78	196	108	26	82
School Administrator and Supervisor	4	2	2	-	-	-	4	2	2
Elementary Teacher, N-6	168	26	142	110	20	90	58	6	52
Elementary Teacher, N-6 and English (7-9)	8	-	8	8		8	-	-	-

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dj

TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Fredonia (continued)									
Elementary Teacher, N-6 and French (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	2	1	1	2	1	1	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	10	4	6	7	4	3	3	-	3
Elementary Teacher, N-6 and Spanish (7-9)	2	-	2	2	-	2	-	-	-
English (7-12)	27	10	17	16	6	10	11	4	7
Social Studies (7-12)	11	8	3	10	7	3	1	1	-
French (7-12)	6	-	6	5	-	5	1	-	1
Spanish (7-12)	7	2	5	7	2	5	-	-	-
German (7-12)	1	-	1	1	-	1	-	-	-
Mathematics (7-12)	9	6	3	4	2	2	5	4	1
Biology (7-12)	4	2	2	3	1	2	1	1	-
Earth Science (7-12)	3	3	-	3	3	-	-	-	-
Music	70	30	40	58	26	32	12	4	8
Speech and Hearing Handicapped	47	10	37	35	6	29	12	4	8

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Geneseo	643	80	563	542	65	477	101	15	86
Elementary Teacher, N-6	206	20	186	169	15	154	37	5	32
Elementary Teacher, N-6 and Mathematics (7-9)	1	-	1	-	-	-	1	-	1
Elementary Teacher, N-6 and Social Studies (7-9)	1	-	1	-	-	-	1	-	1
Elementary Teacher, N-6 and Spanish (7-9)	2	-	2	1	-	1	1	-	1
English (7-12)	22	6	16	22	6	16	-	-	-
Social Studies (7-12)	18	4	14	15	4	11	3	-	3
French (7-12)	4	-	4	3	-	3	1	-	1
Spanish (7-12)	2	-	2	2	-	2	-	-	-
Mathematics (7-12)	8	2	6	8	2	6	-	-	-
Biology (7-12)	13	6	7	11	5	6	2	1	1
Physics (7-12)	1	1	-	-	-	-	1	1	-
Earth Science (7-12)	2	2	-	2	2	-	-	-	-
Speech	3	-	3	3	-	3	-	-	-
Speech and Hearing Handicapped	136	7	129	123	6	117	13	1	12
Deaf	11	1	10	-	-	-	11	1	10
Special Education	30	4	26	24	3	21	6	1	5
Mentally Handicapped and Elementary Education, N-6	77	9	68	62	6	56	15	3	12
Special Education and Elementary Education, N-6	106	18	88	97	16	81	9	2	7

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
New Paltz	765	189	576	378	112	266	387	77	310
School District Administrator	5	5	-	-	-	-	5	5	-
School Administrator and Supervisor	32	16	16	-	-	-	32	16	16
Elementary Teacher, N-6	400	60	340	179	43	136	221	17	204
Elementary Teacher, N-6 and English (7-9)	6	2	4	4	1	3	2	1	1
Elementary Teacher, N-6 and General Science (7-9)	3	1	2	2	1	1	1	-	1
Elementary Teacher, N-6 and Mathematics (7-9)	7	-	7	3	-	3	4	-	4
Elementary Teacher, N-6 and Social Studies (7-9)	13	5	8	13	5	8	-	-	-
English (7-12)	29	11	18	22	9	13	7	2	5
Social Studies (7-12)	26	20	6	19	16	3	7	4	3
French (7-12)	7	5	2	4	2	2	3	3	-
Spanish (7-12)	16	3	13	6	2	4	10	1	9
German (7-12)	2	-	2	-	-	-	2	-	2
Mathematics (7-12)	14	7	7	9	3	6	5	4	1
Biology (7-12)	13	6	7	4	2	2	9	4	5
Chemistry (7-12)	2	1	1	1	1	-	1	-	1
Physics (7-12)	1	1	-	-	-	-	1	1	-
Earth Science (7-12)	3	2	1	3	2	1	-	-	-

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
New Paltz (continued)									
Art	81	25	56	73	22	51	8	3	5
Speech and Hearing Handicapped	36	3	33	36	3	33	-	-	-
Special Education	69	16	53	-	-	-	69	16	53
Old Westbury	47	6	41	47	6	41	-	-	-
Elementary Teacher, N-6	47	6	41	47	6	41	-	-	-
Oneonta	490	81	409	443	70	373	47	11	36
School Nurse Teacher	5	-	5	3	-	3	2	-	2
School Counselor	7	4	3	-	-	-	7	4	3
Elementary Teacher, N-6	267	25	242	236	22	214	31	3	28
Elementary Teacher, N-6 and English (7-9)	10	1	9	10	1	9	-	-	-
Elementary Teacher, N-6 and French (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	6	4	2	5	3	2	1	1	-
Elementary Teacher, N-6 and German (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	13	-	13	13	-	13	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	13	6	7	13	6	7	-	-	-

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Oneonta (continued)									
Elementary Teacher, N-6 and Spanish (7-9)	1	-	1	1	-	1	-	-	-
English (7-12)	21	6	15	21	6	15	-	-	-
Social Studies (7-12)	30	21	9	28	20	8	2	1	1
French (7-12)	4	-	4	4	-	4	-	-	-
Spanish (7-12)	4	-	4	4	-	4	-	-	-
German (7-12)	3	-	3	3	-	3	-	-	-
Mathematics (7-12)	28	8	20	26	6	20	2	2	-
Biology (7-12)	7	4	3	7	4	3	-	-	-
Chemistry (7-12)	2	-	2	2	-	2	-	-	-
Home Economics	59	-	59	57	-	57	2	-	2
Speech	7	2	5	7	2	5	-	-	-
Oswego	676	317	359	629	287	342	47	30	17
School Administrator and Supervisor	7	4	3	-	-	-	7	4	3
School Counselor	11	6	5	-	-	-	11	6	5
School Psychologist	9	7	2	-	-	-	9	7	2
Elementary Teacher, N-6	271	28	243	268	28	240	3	-	3
Elementary Teacher, N-6 and English (7-9)	9	1	8	9	1	8	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	8	-	8	8	-	8	-	-	-

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Oswego (continued)									
Elementary Teacher, N-6 and Mathematics (7-9)	9	2	7	9	2	7	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	14	4	10	14	4	10	-	-	-
English (7-12)	23	7	16	18	5	13	5	2	3
Social Studies (7-12)	24	14	10	24	14	10	-	-	-
French (7-12)	10	1	9	9	1	8	1	-	1
Spanish (7-12)	10	2	8	10	2	8	-	-	-
German (7-12)	1	-	1	1	-	1	-	-	-
Mathematics (7-12)	15	5	10	14	4	10	1	1	-
Biology (7-12)	14	11	3	14	11	3	-	-	-
Chemistry (7-12)	1	-	1	1	-	1	-	-	-
Physics (7-12)	1	1	-	-	-	-	1	1	-
Earth Science (7-12)	1	1	-	1	1	-	-	-	-
Industrial Arts	226	217	9	221	212	9	5	5	-
Speech	4	-	4	4	-	4	-	-	-
Trade Subjects & Technical Subjects	8	6	2	4	2	2	4	4	-
Plattsburgh	358	95	263	260	53	207	98	42	56
School Administrator and Supervisor	6	6	-	-	-	-	6	6	-
School Counselor	12	10	2	-	-	-	12	10	2
School Psychologist	22	14	8	-	-	-	22	14	8
Elementary Teacher, N-6	165	24	141	132	19	113	33	5	28

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Plattsburgh (continued)									
Elementary Teacher, N-6 and English (7-9)	4	1	3	3	-	3	1	1	-
Elementary Teacher, N-6 and General Science (7-9)	5	1	4	4	1	3	1	-	1
Elementary Teacher, N-6 and Mathematics (7-9)	10	3	7	8	2	6	2	1	1
Elementary Teacher, N-6 and Social Studies (7-9)	8	4	4	6	3	3	2	1	1
English (7-12)	12	1	11	7	1	6	5	-	5
Social Studies (7-12)	13	11	2	8	7	1	5	4	1
French (7-12)	2	-	2	2	-	2	-	-	-
Spanish (7-12)	2	-	2	2	-	2	-	-	-
Mathematics (7-12)	6	3	3	6	3	3	-	-	-
Biology (7-12)	7	3	4	7	3	4	-	-	-
Chemistry (7-12)	1	-	1	1	-	1	-	-	-
Earth Science (7-12)	3	3	-	3	3	-	-	-	-
Health	20	11	9	20	11	9	-	-	-
Home Economics	43	-	43	34	-	34	9	-	9
Speech and Hearing Handicapped	17	-	17	17	-	17	-	-	-

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Potsdam	361	110	251	304	97	207	57	13	44
Elementary Teacher, N-6	117	15	102	88	10	78	29	5	24
Elementary Teacher, N-6 and English (7-9)	4	-	4	4	-	4	-	-	-
Elementary Teacher, N-6 and French (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	4	-	4	3	-	3	1	-	1
Elementary Teacher, N-6 and Mathematics (7-9)	5	1	4	2	1	1	3	-	3
Elementary Teacher, N-6 and Social Studies (7-9)	16	2	14	9	1	8	7	1	6
English (7-12)	15	5	10	15	5	10	-	-	-
Social Studies (7-12)	19	14	5	15	11	4	4	3	1
French (7-12)	5	-	5	5	-	5	-	-	-
Spanish (7-12)	4	1	3	4	1	3	-	-	-
Latin (7-12)	2	-	2	1	-	1	1	-	1
Mathematics (7-12)	19	7	12	17	6	11	2	1	1
Biology (7-12)	8	2	6	8	2	6	-	-	-
Physics (7-12)	1	-	1	1	-	1	-	-	-
Earth Science (7-12)	2	1	1	2	1	1	-	-	-
Music	138	62	76	128	59	69	10	3	7

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Statutory Colleges	73	25	48	55	18	37	18	7	11
Agriculture and Life Sciences	35	25	10	21	18	3	14	7	7
Agriculture	29	22	7	20	18	2	9	4	5
School Administrator and Supervisor	3	1	2	-	-	-	3	1	2
School District Administrator	2	2	-	-	-	-	2	2	-
Science - Chemistry/Physics	1	-	1	1	-	1	-	-	-
Human Ecology	38	-	38	34	-	34	4	-	4
Home Economics	21	-	21	17	-	17	4	-	4
Nursery School - Kindergarten	17	-	17	17	-	17	-	-	-

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FOOTNOTE REFERENCES

[a]Includes one student who was also recommended for certification in Social Studies (7-12).

[b]Includes one student who was also recommended for certification in Spanish (7-12).

[c]Includes three students who were also recommended for certification in Spanish (7-12).

[d]Includes one student who was also recommended for certification in Chemistry (7-12).

[e]Includes 44 students from the Upper Division College at Utica/Rome.

[f]Includes one student who was also recommended for certification in Recreation.

[g]Includes one student who was also recommended for certification in Physical Education.

[h]Includes one student who was also recommended for certification in Elementary Teacher, N-6.

[i]Includes one student who was also recommended for certification in Speech.

[j]Includes eight students from the Upper Division College at Utica/Rome.

TABLE 9--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended	8,753	2,460	6,293	6,286	1,834	4,452	2,467	626	1,841
School District Administrator	21	20	1	-	-	-	21	20	1
School Administrator and Supervisor	105	60	45	-	-	-	105	60	45
School Nurse Teacher	5	-	5	3	-	3	2	-	2
School Counselor	87	38	49	32	10	22	55	28	27
School Psychologist	46	26	20	-	-	-	46	26	20
Elementary Teacher, N-6	2,985	336	2,649	1,955	244	1,711	1,030	92	938
Elementary Teacher, N-6 and English (7-9)	78	11	67	65	9	56	13	2	11
Elementary Teacher, N-6 and Social Studies (7-9)	139	46	93	119	39	80	20	7	13
Elementary Teacher, N-6 and French (7-9)	12	-	12	11	-	11	1	-	1
Elementary Teacher, N-6 and German (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	17	1	16	16	1	15	1	-	1
Elementary Teacher, N-6 and Mathematics (7-9)	78	11	67	54	9	45	24	2	22
Elementary Teacher, N-6 and General Science (7-9)	53	16	37	44	14	30	9	2	7
English (7-12)	449	126	323	311	97	214	138	29	109
Social Studies (7-12)	500	296	204	377	221	156	123	75	48

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dmd

TABLE 9--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977 (Continued)

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended (cont.)									
French (7-12)	106	13	93	83	8	75	23	5	18
Spanish (7-12)	128	19	109	109	17	92	19	2	17
Latin (7-12)	5	1	4	2	1	1	3	-	3
German (7-12)	24	2	22	16	-	16	8	2	6
Russian (7-12)	3	-	3	2	-	2	1	-	1
Italian (7-12)	8	4	4	8	4	4	-	-	-
Mathematics (7-12)	283	108	175	196	72	124	87	36	51
Biology (7-12)	191	100	91	137	76	61	54	24	30
Chemistry (7-12)	29	17	12	23	14	9	6	3	3
Physics (7-12)	11	6	5	6	2	4	5	4	1
Earth Science (7-12)	44	32	12	33	24	9	11	8	3
Agriculture	29	22	7	20	18	2	9	4	5
Art	272	65	207	222	50	172	50	15	35
Health	170	51	119	155	46	109	15	5	10
Home Economics	182	-	182	149	-	149	33	-	33
Industrial Arts	354	344	10	328	318	10	26	26	-
School Media Specialist	47	3	44	-	-	-	47	3	44
Music	225	100	125	201	92	109	24	8	16
Physical Education	622	306	316	544	268	276	78	38	40
Recreation	69	37	32	65	34	31	4	3	1
Speech	26	5	21	21	5	16	5	-	5

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dmd

TABLE 9--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977 (Continued)

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended (cont.)									
Business Education	48	14	34	15	3	12	33	11	22
Business and Distributive Education	126	30	96	116	24	92	10	6	4
Trade Subjects	89	70	19	52	38	14	37	32	5
Technical Subjects	18	-	18	9	-	9	9	-	9
Speech and Hearing Handicapped	478	34	444	381	21	360	97	13	84
Deaf	11	1	10	-	-	-	11	1	10
Special Education	579	89	490	405	55	350	174	34	140

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dmd

TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	8,753	2,460	6,293	6,286	1,834	4,452	2,467	626	1,841
School District Administrator	21	20	1	-	-	-	21	20	1
Albany Center	12	12	-	-	-	-	12	12	-
Buffalo Center	2	1	1	-	-	-	2	1	1
New Paltz College	5	5	-	-	-	-	5	5	-
Agriculture and Life Sciences	2	2	-	-	-	-	2	2	-
School Administrator and Supervisor	105	60	45	-	-	-	105	60	45
Albany Center	5	2	3	-	-	-	5	2	3
Buffalo Center	9	6	3	-	-	-	9	6	3
Brockport College	17	9	8	-	-	-	17	9	8
Buffalo College	14	9	5	-	-	-	14	9	5
Cortland College	8	5	3	-	-	-	8	5	3
Fredonia College	4	2	2	-	-	-	4	2	2
New Paltz College	32	16	16	-	-	-	32	16	16
Oswego College	7	4	3	-	-	-	7	4	3
Plattsburgh	6	6	-	-	-	-	6	6	-
Agriculture and Life Sciences	3	1	2	-	-	-	3	1	2
School Nurse Teacher	5	-	5	3	-	3	2	-	2
Oneonta	5	-	5	3	-	3	2	-	2

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dmd

TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
School Counselor	87	38	49	32	10	22	55	28	27
Albany Center	24	8	16	-	-	-	24	8	16
Buffalo Center	14	6	8	13	6	7	1	-	1
Brockport College	19	4	15	19	4	15	-	-	-
Oneonta College	7	4	3	-	-	-	7	4	3
Oswego College	11	6	5	-	-	-	11	6	5
Plattsburgh College	12	10	2	-	-	-	12	10	2
School Psychologist	46	26	20	-	-	-	46	26	20
Albany Center	15	5	10	-	-	-	15	5	10
Oswego College	9	7	2	-	-	-	9	7	2
Plattsburgh	22	14	8	-	-	-	22	14	8
Elementary Teacher, N-6	2,985	336	2,649	1,955	244	1,711	1,030	92	938
Albany Center	68	2	66	-	-	-	68	2	66
Binghamton Center	22	1	21	-	-	-	22	1	21
Buffalo Center	59	6	53	7	1	6	52	5	47
Stony Brook Center	193	15	178	193	15	178	-	-	-
Brockport College	239	30	209	129	19	110	110	11	99
Buffalo College	454	57	397	208	35	173	246	22	224

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dmd

TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 (continued)									
Cortland College	292	21	271	172	11[a]	161[a]	120	10	110
Fredonia College	168	26	142	110	20	90	58	6	52
Geneseo College	206	20	186	169	15	154	37	5	32
New Paltz College	400	60	340	179	43	136	221	17	204
Old Westbury College	47	6	41	47	6	41	-	-	-
Oneonta College	267	25	242	236	22	214	31	3	28
Oswego College	271	28	243	268	28	240	3	-	3
Plattsburgh College	165	24	141	132	19	113	33	5	28
Potsdam College	117	15	102	88[b]	10	78[b]	29	5	24
Human Ecology	17	-	17	17[b]	-	17[b]	-	-	-
Elementary Teacher, N-6 and English (7-9)	78	11	67	65	9	56	13	2	11
Brockport College	5	-	5	4	-	4	1	-	1
Buffalo College	15	3	12	8	3	5	7	-	7
Cortland College	17	3	14	15	3	12	2	-	2
Fredonia College	8	-	8	8	-	8	-	-	-
New Paltz College	6	2	4	4	1	3	2	1	1
Oneonta College	10	1	9	10	1	9	-	-	-
Oswego College	9	1	8	9	1	8	-	-	-
Plattsburgh College	4	1	3	3	-	3	1	1	-
Potsdam College	4	-	4	4	-	4	-	-	-

[a]Includes one student who was also recommended for certification in Recreation.

[b]Reported as Nursery School-Kindergarten.

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dmd

TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and French (7-9)	12	-	12	11	-	11	1	-	1
Brockport College	1	-	1	-	-	-	1	-	1
Cortland College	6	-	6	6	-	6	-	-	-
Fredonia College	1	-	1	1	-	1	-	-	-
Oneonta College	2	-	2	2	-	2	-	-	-
Potsdam College	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	53	16	37	44	14	30	9	2	7
Brockport College	1	1	-	-	-	-	1	1	-
Buffalo College	9	2	7	5	2	3	4	-	4
Cortland College	15	6	9	15	6	9[a]	-	-	-
Fredonia College	2	1	1	2	1	1	-	-	-
New Paltz College	3	1	2	2	1	1	1	-	1
Oneonta College	6	4	2	5	3	2	1	1	-
Oswego College	8	-	8	8	-	8	-	-	-
Plattsburgh College	5	1	4	4	1	3	1	-	1
Potsdam College	4	-	4	3	-	3	1	-	1
Elementary Teacher, N-6 and German (7-9)	1	-	1	1	-	1	-	-	-
Oneonta College	1	-	1	1	-	1	-	-	-

[a]Includes one student who was also recommended for certification in Recreation.

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dmd

TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1975
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and Mathematics (7-9)	78	11	67	54	9	45	24	2	22
Brockport College	3	-	3	-	-	-	3	-	3
Buffalo College	10	1	9	4	-	4	6	1	5
Cortland College	18	4	14	13	4	9	5	-	5
Fredonia College	2	-	2	2	-	2	-	-	-
Geneseo College	1	-	1	-	-	-	1	-	1
New Paltz College	7	-	7	3	-	3	4	-	4
Oneonta College	13	-	13	13	-	13	-	-	-
Oswego College	9	2	7	9	2	7	-	-	-
Plattsburgh College	10	3	7	8	2	6	2	1	1
Potsdam College	5	1	4	2	1	1	3	-	3
Elementary Teacher, N-6 and Social Studies (7-9)	139	46	93	119	39	80	20	7	13
Brockport College	8	1	7	7	-	7	1	1	-
Buffalo College	22	6	16	19	5	14	3	1	2
Cortland College	34	14	20	31	11	20	3	3	-
Fredonia College	10	4	6	7	4	3	3	-	3
Geneseo College	1	-	1	-	-	-	1	-	1

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dmd

TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and Social Studies (7-9) (continued)									
New Paltz College	13	5	8	13	5	8	-	-	-
Oneonta College	13	6	7	13	6	7	-	-	-
Oswego College	14	4	10	14	4	10	-	-	-
Plattsburgh College	8	4	4	6	3	3	2	1	1
Potsdam College	16	2	14	9	1	8	7	1	6
Elementary Teacher, N-6 and Spanish (7-9)	17	1	16	16	1	15	1	-	1
Cortland College	12	1	11	12	1	11	-	-	-
Fredonia College	2	-	2	2	-	2	-	-	-
Geneseo College	2	-	2	2	-	1	1	-	1
Oneonta College	1	-	1	1	-	1	-	-	-
English (7-12)	449	126	323	311	97	214	138	29	109
Albany Center	91	15	76	62	13	49	29	2	27
Binghamton Center	3	-	3	-	-	-	3	-	3
Buffalo Center	47	18	29	31	14[a]	17[b]	16	4	12
Stony Brook Center	28	7	21	28	7	21	-	-	-
Brockport College	55	12	43	26	9	17	29	3	26

[a]Includes one student who was also recommended for certification in Social Studies (7-12).

[b]Includes one student who was also recommended for certification in Spanish (7-12).

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dmd

TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
English (7-12) (continued)									
Buffalo College	58	23	35	29	11	18	29	12	17
Cortland College	18	5	13	14	5	9	4	-	4
Fredonia College	27	10	17	16	6	10	11	4	7
Geneseo College	22	6	16	22	6	16	-	-	-
New Paltz College	29	11	18	22	9	13	7	2	5
Oneonta College	21	6	15	21	6	15	-	-	-
Oswego College	23	7	16	18	5	13	5	2	3
Plattsburgh College	12	1	11	7	1	6	5	-	5
Potsdam College	15	5	10	15	5	10	-	-	-
Social Studies (7-12)	500	296	204	377	221	156	123	75	48
Albany Center	77	43	34	51	30	21	26	13	13
Binghamton Center	12	7	5	-	-	-	12	7	5
Buffalo Center	50	28	22	35	18	17	15	10	5
Stony Brook Center	49	19	30	49	19	30	-	-	-
Brockport College	45	33	12	30	21	9	15	12	3
Buffalo College	61	37	24	48	29	19	13	8	5
Cortland College	65	37	28	45	25	20	20	12	8
Fredonia College	11	8	3	10	7	3	1	1	-
Geneseo College	18	4	14	15	4	11	3	-	3
New Paltz College	26	20	6	19	16	3	7	4	3

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dmd

TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Social Studies (7-12) (continued)									
Oneonta College	30	21	9	28	20	8	2	1	1
Oswego College	24	14	10	24	14	10	-	-	-
Plattsburgh College	13	11	2	8	7	1	5	4	1
Potsdam College	19	14	5	15	11	4	4	3	1
French (7-12)	106	13	93	83	8	75	23	5	18
Albany Center	22	1	21	19	-	19	3	1	2
Binghamton Center	2	-	2	-	-	-	2	-	2
Buffalo Center	10	1	9	3	1	2	7	-	7
Stony Brook Center	7	-	7	7	-	7[a]	-	-	-
Brockport College	4	-	4	2	-	2	2	-	2
Buffalo College	15	3	12	15	3	12	-	-	-
Cortland College	8	2	6	5	1	4	3	1	2
Fredonia College	6	-	6	5	-	5	1	-	1
Geneseo College	4	-	4	3	-	3	1	-	1
New Paltz College	7	5	2	4	2	2	3	3	-
Oneonta College	4	-	4	4	-	4	-	-	-
Oswego College	10	1	9	9	1	8	1	-	1
Plattsburgh College	2	-	2	2	-	2	-	-	-
Potsdam College	5	-	5	5	-	5	-	-	-

[a]Includes three students who were also recommended for certification in Spanish (7-12).

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dmd

TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Spanish (7-12)	128	19	109	109	17	92	19	2	17
Albany Center	34	3	31	31	3	28	3	-	3
Binghamton Center	3	-	3	-	-	-	3	-	3
Buffalo Center	11	3	8	9	2	7	2	1	1
Stony Brook Center	9	-	9	9	-	9	-	-	-
Brockport College	5	1	4	4	1	3	1	-	1
Buffalo College	10	3	7	10	3	7	-	-	-
Cortland College	11	1	10	11	1	10	-	-	-
Fredonia College	7	2	5	7	2	5	-	-	-
Geneseo College	2	-	2	2	-	2	-	-	-
New Paltz College	16	3	13	6	2	4	10	1	9
Oneonta College	4	-	4	4	-	4	-	-	-
Oswego College	10	2	8	10	2	8	-	-	-
Plattsburgh College	2	-	2	2	-	2	-	-	-
Potsdam College	4	1	3	4	1	3	-	-	-
German (7-12)	24	2	22	16	-	16	8	2	6
Albany Center	7	1	6	4	-	4	3	1	2
Buffalo Center	9	1	8	6	-	6	3	1	2
Stony Brook Center	1	-	1	1	-	1	-	-	-
Fredonia College	1	-	1	1	-	1	-	-	-

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dmd

TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
German (7-12) (continued)									
New Paltz College	2	-	2	-	-	-	2	-	2
Oneonta College	3	-	3	3	-	3	-	-	-
Oswego College	1	-	1	1	-	1	-	-	-
Italian (7-12)	8	4	4	8	4	4	-	-	-
Albany Center	6	3	3	6	3	3	-	-	-
Buffalo Center	2	1	1	2	1	1	-	-	-
Latin (7-12)	5	1	4	2	1	1	3	-	3
Albany Center	3	1	2	1	1	-	2	-	2
Potsdam College	2	-	2	1	-	1	1	-	1
Russian (7-12)	3	-	3	2	-	2	1	-	1
Albany Center	2	-	2	1	-	1	1	-	1
Buffalo Center	1	-	1	1	-	1	-	-	-
Mathematics (7-12)	283	108	175	196	72	124	87	36	51
Albany Center	49	15	34	22	8	14	27	7	20
Binghamton Center	3	1	2	-	-	-	3	1	2
Buffalo Center	18	12	6	15	10	5	3	2	1
Stony Brook Center	15	7	8	15	7	8	-	-	-
Brockport College	45	16	29	17	6	11	28	10	18

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dmd

TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Mathematics (7-12) (continued)									
Buffalo College	42	16	26	31	12	19	11	4	7
Cortland College	12	3	9	12	3	9[a]	-	-	-
Fredonia College	9	6	3	4	2	2	5	4	1
Geneseo College	8	2	6	8	2	6	-	-	-
New Paltz College	14	7	7	9	3	6	5	4	1
Oneonta College	28	8	20	26	6	20	2	2	-
Oswego College	15	5	10	14	4	10	1	1	-
Plattsburgh	6	3	3	6	3	3	-	-	-
Potsdam	19	7	12	17	6	11	2	1	1
Biology (7-12)	191	100	91	137	76	61	54	24	30
Albany Center	22	5	17	8	3	5	14	2	12
Binghamton Center	2	-	2	-	-	-	2	-	2
Buffalo Center	19	11	8	12	7	5	7	4	3
Stony Brook Center	19	12	7	19	12	7[b]	-	-	-
Brockport College	23	15	8	15	10	5	8	5	3

[a]Includes one student who was also recommended for certification in Physical Education.

[b]Includes one student who was also recommended for certification in Chemistry (7-12).

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dmd

TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Biology (7-12) (continued)									
Buffalo College	24	12	12	16	8	8	8	4	4
Cortland College	16	11	5	13	8	5	3	3	-
Fredonia College	4	2	2	3	1	2	1	1	-
Geneseo College	13	6	7	11	5	6	2	1	1
New Paltz College	13	6	7	4	2	2	9	4	5
Oneonta College	7	4	3	7	4	3	-	-	-
Oswego College	14	11	3	14	11	3	-	-	-
Plattsburgh College	7	3	4	7	3	4	-	-	-
Potsdam College	8	2	6	8	2	6	-	-	-
Chemistry (7-12)	29	17	12	23	14	9	6	3	3
Albany Center	2	1	1	1	-	1	1	1	-
Buffalo Center	7	4	3	4	3	1	3	1	2
Stony Brook Center	2	1	1	2	1	1	-	-	-
Brockport College	7	6	1	7	6	1	-	-	-
Buffalo College	4	4	-	3	3	-	1	1	-
New Paltz College	2	1	1	1	1	-	1	-	1
Oneonta College	2	-	2	2	-	2	-	-	-
Oswego College	1	-	1	1	-	1	-	-	-
Plattsburgh College	1	-	1	1	-	1	-	-	-
Agriculture and Life Sciences	1	-	1	1[a]	-	1[a]	-	-	-

[a]Student was recommended for certification in Science-Chemistry/Physics.

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Physics (7-12)	11	6	5	6	2	4	5	4	1
Albany Center	3	2	1	2	1	1	1	1	-
Binghamton Center	1	-	1	-	-	-	1	-	1
Buffalo College	2	1	1	2	1	1	-	-	-
Cortland College	1	-	1	1	-	1	-	-	-
Geneseo College	1	1	-	-	-	-	1	1	-
New Paltz College	1	1	-	-	-	-	1	1	-
Oswego College	1	1	-	-	-	-	1	1	-
Potsdam College	1	-	1	1	-	1	-	-	-
Earth Science (7-12)	44	32	12	33	24	9	11	8	3
Albany Center	1	-	1	-	-	-	1	-	1
Buffalo Center	4	3	1	1	-	1	3	3	-
Stony Brook Center	8	4	4	8	4	4	-	-	-
Brockport College	4	3	1	4	3	1	-	-	-
Buffalo College	12	10	2	5	5	-	7	5	2
Cortland College	1	-	1	1	-	1	-	-	-
Fredonia College	3	3	-	3	3	-	-	-	-
Geneseo College	2	2	-	2	2	-	-	-	-
New Paltz College	3	2	1	3	2	1	-	-	-
Oswego College	1	1	-	1	1	-	-	-	-
Plattsburgh College	3	3	-	3	3	-	-	-	-
Potsdam College	2	1	1	2	1	1	-	-	-

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dmd

TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Agriculture	29	22	7	20	18	2	9	4	5
Agriculture and Life Sciences	29	22	7	20	18	2	9	4	5
Art	272	65	207	222	50	172	50	15	35
Buffalo Center	20	4	16	17	2	15	3	2	1
Buffalo College	171	36	135	132	26	106	39	10	29
New Paltz College	81	25	56	73	22	51	8	3	5
Health	170	51	119	155	46	109	15	5	10
Stony Brook Center	20	4	16	19	3	16	1	1	-
Brockport College	46	11	35	42	10	32	4	1	3
Cortland College	84	25	59	74	22	52	10	3	7
Plattsburgh College	20	11	9	20	11	9	-	-	-
Home Economics	182	-	182	149	-	149	33	-	33
Buffalo College	59	-	59	41	-	41	18	-	18
Oneonta College	59	-	59	57	-	57	2	-	2
Plattsburgh College	43	-	43	34	-	34	9	-	9
Human Ecology	21	-	21	17	-	17	4	-	4
Industrial Arts	354	344	10	328	318	10	26	26	-
Buffalo College	128	127	1	107	106	1	21	21	-
Oswego College	226	217	9	221	212	9	5	5	-

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
School Media Specialist (Library)	47	3	44	-	-	-	47	3	44
Albany Center	30	1	29	-	-	-	30	1	29
Buffalo Center	17	2	15	-	-	-	17	2	15
Music	225	100	125	201	92	109	24	8	16
Buffalo Center	17	8	9	15	7	8	2	1	1
Fredonia College	70	30	40	58	26	32	12	4	8
Potsdam College	138	62	76	128	59	69	10	3	7
Physical Education	622	306	316	544	268	276	78	38	40
Buffalo Center	42	15	27	32	13	19	10	2	8
Brockport College	227	122	105	204	111	93	23	11	12
Cortland College	353	169	184	308	144	164	45	25	20
Recreation	69	37	32	65	34	31	4	3	1
Cortland College	69	37	32	65	34[a]	31	4	3	1
Speech	26	5	21	21	5	16	5	-	5
Buffalo Center	3	-	3	1	-	1	2	-	2
Brockport College	4	3	1	4	3	1	-	-	-
Cortland College	5	-	5	2	-	2	3	-	3

[a]Includes one student who is also recommended for certification in Elementary N-6.

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 33, 1977
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Speech (continued)									
Geneseo College	3	-	3	3	-	3	-	-	-
Oneonta College	7	2	5	7	2	5	-	-	-
Oswego College	4	-	4	4	-	4	-	-	-
Business Education	48	14	34	15	3	12	33	11	22
Albany Center	43	13	30	12	2	10	31	11	20
Buffalo Center	5	1	4	3	1	2	2	-	2
Business and Distributive Education	126	30	96	116	24	92	10	6	4
Albany Center	93	15	78	86	11	75	7	4	3
Buffalo Center	18	3	15	15	1	14	3	2	1
Buffalo College	15	12	3	15	12	3	-	-	-
Trade Subjects	89	70	19	52	38	14	37	32	5
Buffalo College	81	64	17	48	36	12	33	28	5
Oswego College	8[a]	6	2	4	2	2	4	4	-
Technical Subjects	18	-	18	9	-	9	9	-	9
Buffalo College	18	-	18	9	-	9	9	-	9

[a]Includes Technical subjects.

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1976 THROUGH JUNE 30, 1977
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Speech and Hearing Handicapped	478	34	444	381	21	360	97	13	84
Albany Center	64	1	63	44	-	44	20	1	19
Buffalo Center	11	1	10	-	-	-	11	1	10
Brockport College	42	6	36	39	5	34	3	1	2
Buffalo College	90	5	85	52	-	52	38	5	33
Cortland College	35	1	34	35	1	34[a]	-	-	-
Fredonia College	47	10	37	35	6	29	12	4	8
Geneseo College	136	7	129	123	6	117	13	1	12
New Paltz College	36	3	33	36	3	33	-	-	-
Plattsburgh College	17	-	17	17	-	17	-	-	-
Deaf	11	1	10	-	-	-	11	1	10
Geneseo College	11	1	10	-	-	-	11	1	10
Special Education	579	89	490	405	55	350	174	34	140
Albany Center	17	3	14	-	-	-	17	3	4
Binghamton Center	12	1	11	-	-	-	12	1	11
Buffalo College	268[b]	38	230	222	30	192	46	8	38
Geneseo College	213[c]	31	182	183	25	158	30	6	24
New Paltz College	69	16	53	-	-	-	69	16	53

[a]Includes one student who was also recommended for certification in Speech.

[b]Special Education (MR/PH/LBD) and Elementary Education.

[c]Includes 30 Special Education, 77 Mentally Handicapped and Elementary Education N-6, and 106 Special Education and Elementary Education N-6.

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PART THREE

DETAILED TABLES, 1977-78

TABLE 11--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978

Institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	7,216	2,109	5,107	5,296	1,588	3,708	1,920	521	1,399
University Centers	959	286	673	545	163	382	414	123	291
Albany	514	126	388	287	62	225	227	64	163
Binghamton	54	13	41	-	-	-	54	13	41
Buffalo	272	97	175	139	51	88	133	46	87
Stony Brook	119	50	69	119	50	69	-	-	-
University Colleges	6,224	1,806	4,418	4,726	1,415	3,311	1,493	391	1,107
Brockport	880	314	566	641	235	406	239	79	160
Buffalo	1,141	288	853	749	218	531	392	70	322
Cortland[a]	879	309	570	717	247	470	162	62	100
Fredonia	356	106	250	270	88	182	86	18	68
Geneseo	550	75	475	417	52	365	133	23	110
New Paltz	687	201	486	375	128	247	312	73	239
Old Westbury	52	3	49	52	3	49	-	-	-
Oneonta	438	70	368	391	56	335	47	14	33
Oswego	559	259	300	526	240	286	33	19	14
Plattsburgh	294	57	237	254	45	209	40	12	28
Potsdam	332	87	245	300	80	220	32	7	25
Utica/Rome	56	37	19	34	23	11	22	14	8
Statutory Colleges	33	17	16	25	10	15	8	7	1
Agriculture and Life Sciences	28	17	11	21	10	11	7	7	-
Human Ecology	5	-	5	4	-	4	1	-	1

[a]Includes 16 students from the College at Utica/Rome.

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	7,216	2,109	5,107	5,296	1,588	3,708	1,920	521	1,399
University Centers	959	286	673	545	163	382	414	123	291
Albany	514	126	388	287	62	225	227	64	163
School District Administrator	6	4	2	-	-	-	6	4	2
School Administrator and Supervisor	3	2	1	3	2	1	-	-	-
School Counselor	18	7	11	14	6	8	4	1	3
School Psychologist	9	6	3	8	5	3	1	1	-
English (7-12)	60	18	42	33	9	24	27	9	18
Social Studies (7-12)	49	27	22	25	11	14	24	16	8
French (7-12)	12	-	12	10	-	10	2	-	2
Spanish (7-12)	18	6	12	17	6	11	1	-	1
Latin (7-12)	2	-	2	2	-	2	-	-	-
German (7-12)	3	1	2	3	1	2	-	-	-
Italian (7-12)	4	-	4	4	-	4	-	-	-
Mathematics (7-12)	28	9	19	8	1	7	20	8	12
Biology (7-12)	13	7	6	8	5	3	5	2	3
Chemistry (7-12)	2	1	1	1	1	-	1	-	1
Physics (7-12)	2	1	1	1	-	1	1	1	-
School Media Specialist (Library)	20	3	17	5	1	4	15	2	13
Business Education	30	6	24	8	-	8	22	6	16
Business and Distributive Education	56	13	43	48	8	40	8	5	3

*All footnote references appear at the end of this table.

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Albany (continued)									
Speech and Hearing Handicapped	56	4	52	44	3	41	12	1	11
Special Education	28	6	22	9	1	8	19	5	14
Reading Teacher	36	2	34	36	2	34	-	-	-
Elementary Teacher, N-6	58	2	56	-	-	-	58	2	56
Coordinator of Diversified Cooperative Work-Study Programs[a]	1	1	-	-	-	-	1	1	-
Binghamton	54	13	41	-	-	-	54	13	41
Elementary Teacher, N-6	15	1	14	-	-	-	15	1	14
English (7-12)	4	2	2	-	-	-	4	2	2
Social Studies (7-12)	4	3	1	-	-	-	4	3	1
Mathematics (7-12)	6	-	6	-	-	-	6	-	6
Biology (7-12)	6	3	3	-	-	-	6	3	3
Special Education	18	4	14	-	-	-	18	4	14
Spanish (7-12)	1	-	1	-	-	-	1	-	1
Buffalo	272	97	175	139	51	88	133	46	87
School District Administrator	10	8	2	-	-	-	10	8	2
School Administrator and Supervisor	9	6	3	-	-	-	9	6	3
School Counselor	6	-	6	-	-	-	6	-	6
Elementary Teacher, N-6	33	3	30	3	-	3[c]	30	3	27[b]
English (7-12)	39	14	25	25	9	16[c]	14	5	9[d]

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Wom
Buffalo (continued)									
Social Studies (7-12)	35	20	15	23	12	11[f]	12	8[e]	4
French (7-12)	11	1	10	4	1	3[f]	7	-	7
Spanish (7-12)	6	2	4	2	1	1	4	1	3
Latin (7-12)	1	-	1	-	-	-	1	-	1
German (7-12)	2	1	1	1	1	-	1	-	1
Russian (7-12)	1	-	1	1	-[h]	1[i]	-	-[j]	-
Mathematics (7-12)	13	8	5	6	3[h]	3[i]	7	5[j]	2
Biology (7-12)	10	5	5	8	3	5	2	2	-
Chemistry (7-12)	6	6	-	3	3	-	3	3	-
Physics (7-12)	1	1	-	1	1	-	-	-	-
Earth Science (7-12)	3	3	-	2	2	-	1	1	-
Art	15	1	14	11	-	11	4	1	3
School Media Specialist (Library)	10	1	9	-	-	-	10	1	9
Music	13	6	7	12	5	7	1	1	-
Physical Education	14	8	6	13	8	5	1	-	1
Speech	-	1	1	2	1	1	-	-	-
Business Education	6	-	6	3	-	3	3	-	3
Business and Distributive Education	14	1	13	10	1	9	4	-	4
Speech and Hearing Handicapped	3	1	2	-	-	-	3	1	2
Reading Teacher	9	-	9	9	-	9	-	-	-

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Stony Brook	119	50	69	119	50	69	-	-	-
English (7-12)	35	12	23	35	12	23[k]	-	-	-
Social Studies (7-12)	37	20	17	37	20	17[l,m]	-	-	-
French (7-12)	4	-	4	4	-	4	-	-	-
Spanish (7-12)	8	1	7	8	1	7	-	-	-
German (7-12)	2	1	1	2	1	1	-	-	-
Russian (7-12)	1	-	1	1	-	1[n]	-	-	-
Mathematics (7-12)	16	7	9	16	7	9	-	-	-
Biology (7-12)	11	8	3	11	8	3[o]	-	-	-
Italian (7-12)	5	1	4	5	1	4	-	-	-
University Colleges	6,224	1,806	4,418	4,726	1,415	3,311	1,498	391	1,107
Brockport	880	314	566	641	235	406	239	79	160
Elementary Teacher, N-6	250	32	218	162	22	140	88	10	78
Elementary Teacher, N-6 and English (7-9)	9	2	7	4	1	3	5	1	4
Elementary Teacher, N-6 and Mathematics (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	7	3	4	1	-	1	6	3	3
English (7-12)	61	23	38	39	15	24	22	8	14
Social Studies (7-12)	40	28	12	21	15	6	19	13	6

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Brockport (continued)									
French (7-12)	2	-	2	1	-	1	1	-	1
Spanish (7-12)	5	-	5	3	-	3	2	-	2
Mathematics (7-12)	44	14	30	24	9	15	20	5	15
Biology (7-12)	27	14	13	17	11	6	10	3	7
Chemistry (7-12)	19	15	4	16	12	4	3	3	-
Physics (7-12)	4	4	-	3	3	-	1	1	-
Earth Science (7-12)	9	8	1	7	6	1	2	2	-
Health	48	17	31	39	15	24	9	2	7
Physical Education	248	123	125	224	111	113	24	12	12
Speech	6	-	6	3	-	3	3	-	3
Speech and Hearing Handicapped	39	4	35	38	4	34	1	-	1
Reading Teacher	16	1	15	16	1	15	-	-	-
School Counselor	25	11	14	22	10	12	3	1	2
School Administrator and Supervisor	20	15	5	-	-	-	20	15	5
Buffalo	1,141	288	853	749	218	531	392	70	322
School Administrator and Supervisor	15	6	9	9	5	4	6	1	5
Elementary Teacher, N-6	312	31	281	148	18	130	164	13	151
Elementary Teacher, N-6 and English (7-9)	7	2	5	4	1	3	3	1	2
Elementary Teacher, N-6 and French (7-9)	1	-	1	1	-	1	-	-	-

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Buffalo (continued)									
Elementary Teacher, N-6 and General Science (7-9)	1	1	-	1	1	-	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	6	-	6	1	-	1	5	-	5
Elementary Teacher, N-6 and Social Studies (7-9)	9	5	4	8	4	4	1	1	-
Elementary Teacher, N-6 and Spanish (7-9)	2	-	2	2	-	2	-	-	-
English (7-12)	20	3	17	11	3	8	9	-	9
Social Studies (7-12)	21	12	9	16	10	6	5	2	3
French (7-12)	5	-	5	5	-	5	-	-	-
Spanish (7-12)	9	2	7	9	2	7	-	-	-
Mathematics (7-12)	18	13	5	12	9	3	6	4	2
Biology (7-12)	19	11	8	15	9	6	4	2	2
Chemistry (7-12)	2	2	-	2	2	-	-	-	-
Earth Science (7-12)	10	7	3	9	6	3	1	1	-
Art	99	21	78	83	20	63	16	1	15
Home Economics	46	-	46	29	-	29	17	-	17
Industrial Arts	112	106	6	96	90	6	16	16	-
Business and Distributive Education	22	9	13	20	8	12	2	1	1
Trade Subjects	17	12	5	9	6	3	8	6	2

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Buffalo (continued)									
Speech and Hearing Handicapped	87	8	79	42	1	41	45	7	38
Special Education	32	8	24	3	-	3	29	8	21
Reading Teacher	1	-	1	1	-	1	-	-	-
School Nurse Teacher	3	-	3	1	-	1	2	-	2
Special Education[p]	259	27	232	212	23	189	47	4	43
Coordinator of Diversified Cooperative Work-Study Programs[a]	6	2	4	-	-	-	6	2	4
Cortland[q]	879	309	570	717	247	470	162	62	100
School Administrator and Supervisor	10	8	2	-	-	-	10	8	2
Elementary Teacher, N-6	222	24	198	161	14	147	61	10	51
Elementary Teacher, N-6 and English (7-9)	12	1	11	12	1	11	-	-	-
Elementary Teacher, N-6 and French (7-9)	4	-	4	3	-	3	1	-	1
Elementary Teacher, N-6 and General Science (7-9)	6	2	4	4	2	2	2	-	2
Elementary Teacher, N-6 and German (7-9)	3	-	3	3	-	3	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	13	3	10	13	3	10[r]	-	-	-

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Cortland (continued)									
Elementary Teacher, N-6 and Social Studies (7-9)	25	12	13	24	11	13	1	1	-
Elementary Teacher, N-6 and Spanish (7-9)	3	-	3	3	-	3	-	-	-
English (7-12)	21	7	14	17	7	10	4	-	4
Social Studies	32	18	14	22	14	8	10	4	6
French (7-12)	4	-	4	3	-	3	1	-	1
Spanish (7-12)	12	1	11	12	1	11	-	-	-
Mathematics (7-12)	16	6	10	12	4	8	4	2	2
Biology (7-12)	8	2	6	5	-	5	3	2	1
Chemistry (7-12)	2	2	-	2	2	-	-	-	-
Physics (7-12)	2	1	1	2	1	1	-	-	-
Health	58	15	43	46	11	35	12	4	8
Physical Education	332	179	153	289	152	137	43	27	16
Recreation Teacher	63	25	38	58	22	36	5	3	2
Speech	7	2	5	2	1	1	5	1	4
Speech and Hearing Handicapped	24	1	23	24	1	23	-	-	-
Fredonia	356	106	250	270	88	182	86	18	68
School Administrator and Supervisor	4	2	2	-	-	-	4	2	2
Elementary Teacher, N-6	160	30	130	109	25	84	51	5	46
Elementary Teacher, N-6 and English (7-9)	7	2	5	7	2	5	-	-	-

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Fredonia (continued)									
Elementary Teacher, N-6 and French (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	1	1	-	1	1	-	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	3	1	2	3	1	2	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	8	5	3	8	5	3	-	-	-
English (7-12)	29	11	18	27	11	16	2	-	2
Social Studies (7-12)	16	8	8	13	6	7	3	2	1
French (7-12)	5	-	5	5	-	5	-	-	-
Spanish (7-12)	6	1	5	6	1	5	-	-	-
Mathematics (7-12)	12	7	5	9	6	3	3	1	2
Biology (7-12)	1	1	-	-	-	-	1	1	-
Chemistry (7-12)	1	1	-	-	-	-	1	1	-
Physics (7-12)	3	2	1	3	2	1	-	-	-
Earth Science (7-12)	1	1	-	1	1	-	-	-	-
Music	60	29	31	49	25	24	11	4	7
Speech and Hearing Handicapped	38	4	34	28	2	26	10	2	8

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Geneseo	550	75	475	417	52	365	133	23	110
Elementary Teacher, N-6	157	19	138	112	11	101	45	8	37
English (7-12)	30	7	23	25	6	19	5	1	4
Social Studies (7-12)	17	11	6	13	8	5	4	3	1
Spanish (7-12)	1	-	1	1	-	1	-	-	-
Mathematics (7-12)	4	-	4	4	-	4	-	-	-
Biology (7-12)	8	6	2	7	5	2	1	1	-
Chemistry (7-12)	1	1	-	1	1	-	-	-	-
Earth Science (7-12)	2	2	-	2	2	-	-	-	-
School Media Specialist (Library)	22	2	20	-	-	-	22	2	20
Speech	8	3	5	8	3	5	-	-	-
Speech and Hearing Handicapped	118	11	107	94	8	86	24	3	21
Deaf	7	1	6	-	-	-	7	1	6
Special Education	100	5	95	78	3	75	22	2	20
Reading Teacher	7	1	6	7	1	6	-	-	-
Special Education, Elementary Education, N-6	68	6	62	65	4	61	3	2	1
New Paltz	687	201	486	375	128	247	312	73	239
School District Administrator	22	14	8	-	-	-	22	14	8
School Administrator and Supervisor	10	10	-	-	-	-	10	10	-
Elementary Teacher, N-6	334	59	275	158	33	125	176	26	150
Elementary Teacher, N-6 and English (7-9)	5	2	3	5	2	3	-	-	-

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
New Paltz (continued)									
Elementary Teacher, N-6 and Mathematics (7-9)	4	-	4	4	-	4	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	23	12	11	23	12	11	-	-	-
English (7-12)	45	3	42	43	3	40	2	-	2
Social Studies (7-12)	62	54	8	52	49	3	10	5	5
French (7-12)	9	2	7	4	2	2	5	-	5
Spanish (7-12)	4	1	3	2	1	1	2	-	2
German (7-12)	1	1	-	1	1	-	-	-	-
Mathematics (7-12)	10	5	5	5	3	2	5	2	3
Biology (7-12)	14	5	9	2	2	-	12	3	9
Chemistry (7-12)	2	1	1	1	1	-	1	-	1
Physics (7-12)	1	1	-	-	-	-	1	1	-
Earth Science (7-12)	3	2	1	2	1	1	1	1	-
Art	54	17	37	51	16	35	3	1	2
Speech and Hearing Handicapped	22	2	20	22	2	20	-	-	-
Special Education	62	10	52	-	-	-	62	10	52
Old Westbury	52	3	49	52	3	49	-	-	-
Elementary Teacher, N-6	52	3	49	52	3	49	-	-	-

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Oneonta	438	70	368	391	56	335	47	14	33
School Nurse Teacher	3	-	3	3	-	3	-	-	-
School Counselor	2	2	-	1	1	-	1	1	-
Elementary Teacher, N-6	238	25	213	209	16	193	29	9	20
Elementary Teacher, N-6 and English (7-9)	13	-	13	13	-	13	-	-	-
Elementary Teacher, N-6 and French (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	8	2	6	8	2	6	-	-	-
Elementary Teacher, N-6 and German (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	13	-	13	13	-	13	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	8	2	6	8	2	6	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	1	-	1	1	-	1	-	-	-
English (7-12)	23	6	17	22	6	16	1	-	1
Social Studies (7-12)	27	17	10	27	17	10	-	-	-
French (7-12)	9	-	9	9	-	9	-	-	-
Spanish (7-12)	7	-	7	7	-	7	-	-	-

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Oneonta (continued)									
German (7-12)	2	-	2	2	-	2	-	-	-
Mathematics (7-12)	20	6	14	17	4	13	3	2	1
Biology (7-12)	7	4	3	5	3	2	2	1	1
Chemistry (7-12)	2	2	-	2	2	-	-	-	-
Earth Science (7-12)	4	2	2	4	2	2	-	-	-
Home Economics	42	-	42	32	-	32	10	-	10
Speech	6	1	5	5	-	5	1	1	-
Reading Teacher	1	1	-	1	1	-	-	-	-
Oswego	559	259	300	526	240	286	33	19	14
School Administrator and Supervisor	5	4	1	-	-	-	5	4	1
School Counselor	3	2	1	-	-	-	3	2	1
School Psychologist	5	1	4	-	-	-	5	1	4
Elementary Teacher, N-6	242	29	213	235	25	210	7	4	3
Elementary Teacher, N-6 and Mathematics (7-9)	3	1	2	3	1	2	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	5	1	4	5	1	4	-	-	-
English (7-12)	22	4	18	21	3	18	1	1	-
Social Studies (7-12)	22	19	3	22	19	3	-	-	-
French (7-12)	10	1	9	6	-	6	4	1	3
Spanish (7-12)	8	-	8	8	-	8	-	-	-

TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Oswego (continued)									
German (7-12)	3	-	3	3	-	3	-	-	-
Mathematics (7-12)	17	5	12	14	2	12	3	3	-
Biology (7-12)	7	3	4	6	2	4	1	1	-
Chemistry (7-12)	1	1	-	1	1	-	-	-	-
Physics (7-12)	1	1	-	1	1	-	-	-	-
Earth Science	3	2	1	3	2	1	-	-	-
Industrial Arts	199	184	15	198	183	15	1	1	-
Reading Teacher	3	1	2	-	-	-	3	1	2
Plattsburgh	294	57	237	254	45	209	40	12	28
School Administrator and Supervisor	1	1	-	-	-	-	1	1	-
School Counselor	4	3	1	-	-	-	4	3	1
School Psychologist	6	3	3	-	-	-	6	3	3
Elementary Teacher, N-6	128	17	111	108	15	93	20	2	18
Elementary Teacher, N-6 and English(7-9)	2	-	2	1	-	1	1	-	1
Elementary Teacher, N-6 and General Science (7-9)	2	1	1	1	-	1	1	1	-
Elementary Teacher, N-6 and Mathematics (7-9)	13	6	7	12	6	6	1	-	1
Elementary Teacher, N-6 and Social Studies (7-9)	3	1	2	2	1	1	1	-	1

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Plattsburgh (continued)									
English (7-12)	2	-	2	2	-	2	-	-	-
Social Studies (7-12)	8	5	3	6	3	3	2	2	-
French (7-12)	1	-	1	1	-	1	-	-	-
Biology (7-12)	3	1	2	3	1	2	-	-	-
Chemistry (7-12)	4	3	1	4	3	1	-	-	-
Earth Science (7-12)	1	-	1	1	-	1	-	-	-
Health	23	10	13	23	10	13	-	-	-
Home Economics	37	-	37	34	-	34	3	-	3
Speech and Hearing Handicapped	26	-	26	26	-	26	-	-	-
Special Education	29	6	23	29	6	23[t]	-	-	-
Reading Teacher	1	-	1	1	-	1	-	-	-
Potsdam	332	87	245	300	80	220	32	7	25
Elementary Teacher, N-6	113	9	104	100	7	93	13	2	11
Elementary Teacher, N-6 and English (7-9)	6	-	6	6	-	6	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	2	-	2	1	-	1	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	8	-	8	7	-	7	1	-	1
Elementary Teacher, N-6 and Social Studies (7-9)	3	1	2	3	1	2	-	-	-

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Potsdam (continued)									
English (7-12)	21	7	14	18	6	12	3	1	2
Social Studies (7-12)	11	5	6	8	4	4	3	1	2
French (7-12)	2	-	2	2	-	2	-	-	-
Spanish (7-12)	6	-	6	6	-	6	-	-	-
Mathematics (7-12)	11	4	7	10	3	7	1	1	-
Biology (7-12)	7	6	1	7	6	1	-	-	-
Chemistry (7-12)	2	2	-	2	2	-	-	-	-
Physics (7-12)	1	-	1	1	-	1	-	-	-
Music	131	52	79	121	50	71	10	2	8
Reading Teacher	8	1	7	8	1	7	-	-	-
Utica/Rome	56	37	19	34	23	11	22	14	8
Trade Subjects	42	33	9	27	21	6	15	12	3
Technical Subjects	3	2	1	3	2	1	-	-	-
Health Occupations	9	-	9	4	-	4	5	-	5
Coordinator of Diversified Cooperative Work-Study Programs[a]	2	2	-	-	-	-	2	2	-
Statutory Colleges	33	17	16	25	10	15	8	7	1
Agriculture and Life Sciences	28	17	11	21	10	11	7	7	-
Agriculture Teacher	28	17	11	21	10	11	7	7	-

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Statutory Colleges (continued)									
Human Ecology	5	-	5	4	-	4	1	-	1
Home Economics	3	-	3	2	-	2	1	-	1
Nursery School-Kindergarten	2	-	2	2	-	2	-	-	-

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j

FOOTNOTE REFERENCES

[a]Extension of an Industrial Arts or Occupational Subjects Certificate.

[b]Includes one student who was also recommended for certification in French (7-12).

[c]Includes one student who was also recommended for certification in Biology (7-12).

[d]Includes one student who was also recommended for certification in Social Studies (7-12).

[e]Includes one student who was also recommended for certification in Biology (7-12).

[f]Includes one student who was also recommended for certification in English (7-12).

[g]Includes one student who was also recommended for certification in English (7-12).

[h]Includes one student who was also recommended for certification in Physics (7-12).

[i]Includes two students who were also recommended for certification in Biology (7-12).

[j]Includes one student who was also recommended for certification in Social Studies (7-12).

[k]Includes one student who was also recommended for certification in Spanish (7-12).

[l]Includes one student who was also recommended for certicication in Spanish (7-12).

[m]Includes one student who was also recommended for certification in Italian (7-12).

[n]Includes one student who was also recommended for certification in Spanish (7-12).

[o]Includes one student who was also recommended for certification in Italian (7-12).

[p]Includes Elementary and Mental Retardation, Physically Handicapped and Learning and Behavioral Disorders areas.

[q]Includes 16 Certifications for students from the College at Utica/Rome.

[r]Includes one student who was also recommended for certification in Math (7-12).

[s]Includes one student who was also recommended for certification in Elementary N-6 and Math (7-9).

[t]Includes two students who were also recommended for certifications in Elementary N-6.

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TABLE 13--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended	7,216	2,109	5,107	5,296	1,588	3,708	1,920	521	1,399
School District Administrator	38	26	12	-	-	-	38	26	12
School Administrator and Supervisor	77	54	23	12	7	5	65	47	18
School Nurse Teacher	6	-	6	4	-	4	2	-	2
School Counselor	58	25	33	37	17	20	21	8	13
School Psychologist	20	10	10	8	5	3	12	5	7
Elementary Teacher, N-6	2,314	284	2,030	1,557	189	1,368	757	95	662
Elementary Teacher, N-6 and English (7-9)	61	9	52	52	7	45	9	2	7
Elementary Teacher, N-6 and Social Studies (7-9)	91	42	49	82	37	45	9	5	4
Elementary Teacher, N-6 and French (7-9)	7	-	7	6	-	6	1	-	1
Elementary Teacher, N-6 and German (7-9)	4	-	4	4	-	4	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	6	-	6	6	-	6	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	64	11	53	57	11	46	7	-	7
Elementary Teacher, N-6 and General Science (7-9)	20	7	13	16	6	10	4	1	3
English (7-12)	412	117	295	318	90	228	94	27	67
Social Studies (7-12)	381	247	134	285	188	97	96	59	37

78/870-1
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TABLE 13--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978 (Continued)

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended (cont.)									
French (7-12)	74	4	70	54	3	51	20	1	19
Spanish (7-12)	91	14	77	81	13	68	10	1	9
Latin (7-12)	3	-	3	2	-	2	1	-	1
German (7-12)	13	4	9	12	4	8	1	-	1
Russian (7-12)	2	-	2	2	-	2	-	-	-
Italian (7-12)	9	1	8	9	1	8	-	-	-
Mathematics (7-12)	215	84	131	137	51	86	78	33	45
Biology (7-12)	141	76	65	94	55	39	47	21	26
Chemistry (7-12)	44	37	7	35	30	5	9	7	2
Physics (7-12)	15	11	4	12	8	4	3	3	-
Earth Science (7-12)	36	27	9	31	22	9	5	5	-
Agriculture	28	17	11	21	10	11	7	7	-
Art	168	39	129	145	36	109	23	3	20
Health	138	42	96	112	36	76	26	6	20
Home Economics	128	-	128	97	-	97	31	-	31
Industrial Arts	311	290	21	294	273	21	17	17	-
School Media Specialist	52	6	46	5	1	4	47	5	42
Music	204	87	117	182	80	102	22	7	15
Physical Education	594	310	284	526	271	255	68	39	29
Recreation	63	25	38	58	22	36	5	3	2
Speech	29	7	22	20	5	15	9	2	7

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TABLE 13--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCTTION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978 (Continued)

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended (cont.)									
Business Education	36	6	30	11	-	11	25	6	19
Business and Distributive Education	92	23	69	78	17	61	14	6	8
Trade Subjects	59	45	14	36	27	9	23	18	5
Technical Subjects	3	2	1	3	2	1	-	-	-
Speech and Hearing Handicapped	413	35	378	318	21	297	95	14	81
Deaf	7	1	6	-	-	-	7	1	6
Special Education	528	66	462	331	33	298	197	33	164
Coordinator of Diversified Cooperative Work-Study Programs[a]	9	5	4	-	-	-	9	5	4
Reading Teacher	82	7	75	79	6	73	3	1	2
Special Education, Elementary Education, N-6	68	6	62	65	4	61	3	2	1
Nursery School - Kindergarten	2	-	2	2	-	2	-	-	-

[a]This certificate is an extension of an Industrial Arts or Occupational Subjects Certificate.

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total[a]	7,216	2,109	5,107	5,296	1,588	3,708	1,920	521	1,399
School District Administrator	38	26	12	-	-	-	38	26	12
Albany Center	6	4	2	-	-	-	6	4	2
Buffalo Center	10	8	2	-	-	-	10	8	2
New Paltz College	22	14	8	-	-	-	22	14	8
School Administrator and Supervisor	77	54	23	12	7	5	65	47	18
Albany Center	3	2	1	3	2	1	-	-	-
Buffalo Center	9	6	3	-	-	-	9	6	3
Brockport College	20	15	5	-	-	-	20	15	5
Buffalo College	15	6	9	9	5	4	6	1	5
Cortland College	10	8	2	-	-	-	10	8	2
Fredonia College	4	2	2	-	-	-	4	2	2
New Paltz College	10	10	-	-	-	-	10	10	-
Oswego College	5	4	1	-	-	-	5	4	1
Plattsburgh College	1	1	-	-	-	-	1	1	-
School Nurse Teacher	6	-	6	4	-	4	2	-	2
Buffalo College	3	-	3	1	-	1	2	-	2
Oneonta College	3	-	3	3	-	3	-	-	-

[a]See Table 12 of this report for detail institutional information on students who were recommended for two or more certification areas.

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
School Counselor	58	25	33	37	17	20	21	8	13
Albany Center	18	7	11	14	6	8	4	1	3
Buffalo Center	6	-	6	-	-	-	6	-	6
Brockport College	25	11	14	22	10	12	3	1	2
Oneonta College	2	2	-	1	1	-	1	1	-
Oswego College	3	2	1	-	-	-	3	2	1
Plattsburgh College	4	3	1	-	-	-	4	3	1
School Psychologist	20	10	10	8	5	3	12	5	7
Albany Center	9	6	3	8	5	3	1	1	-
Oswego College	5	1	4	-	-	-	5	1	4
Plattsburgh College	6	3	3	-	-	-	6	3	3
Elementary Teacher, N-6	2,314	284	2,030	1,557	189	1,368	757	95	662
Albany Center	58	2	56	-	-	-	58	2	56
Binghamton Center	15	1	14	-	-	-	15	1	14
Buffalo Center	33	3	30	3	-	3	30	3	27
Brockport College	250	32	218	162	22	140	88	10	78
Buffalo College	312	31	281	148	18	130	164	13	151
Cortland College	222	24	198	161	14	147	61	10	51
Fredonia College	160	30	130	109	25	84	51	5	46

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 (continued)									
Geneseo College	157	19	138	112	11	101	45	8	37
New Paltz College	334	59	275	158	33	125	176	26	150
Old Westbury College	52	3	49	52	3	49	-	-	-
Oneonta College	238	25	213	209	16	193	29	9	20
Oswego College	242	29	213	235	25	210	7	4	3
Plattsburgh College	128	17	111	108	15	93	20	2	18
Potsdam College	113	9	104	100	7	93	13	2	11
Elementary Teacher, N-6 and English (7-9)	61	9	52	52	7	45	9	2	7
Brockport College	9	2	7	4	1	3	5	1	4
Buffalo College	7	2	5	4	1	3	3	1	2
Cortland College	12	1	11	12	1	11	-	-	-
Fredonia College	7	2	5	7	2	5	-	-	-
New Paltz College	5	2	3	5	2	3	-	-	-
Oneonta College	13	-	13	13	-	13	-	-	-
Plattsburgh College	2	-	2	1	-	1	1	-	1
Potsdam College	6	-	6	6	-	6	-	-	-

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and French (7-9)	7	-	7	6	-	6	1	-	1
Buffalo College	1	-	1	1	-	1	-	-	-
Cortland College	4	-	4	3	-	3	1	-	1
Fredonia College	1	-	1	1	-	1	-	-	-
Oneonta College	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	20	7	13	16	6	10	4	1	3
Buffalo College	1	1	-	1	1	-	-	-	-
Cortland College	6	2	4	4	2	2	2	-	2
Fredonia College	1	1	-	1	1	-	-	-	-
Oneonta College	8	2	6	8	2	6	-	-	-
Plattsburgh College	2	1	1	1	-	1	1	1	-
Potsdam College	2	-	2	1	-	1	1	-	1
Elementary Teacher, N-6 and German (7-9)	4	-	4	4	-	4	-	-	-
Cortland College	3	-	3	3	-	3	-	-	-
Oneonta College	1	-	1	1	-	1	-	-	-

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and Mathematics (7-9)	64	11	53	57	11	46	7	-	7
Brockport College	1	-	1	1	-	1	-	-	-
Buffalo College	6	-	6	1	-	1	5	-	5
Cortland College	13	3	10	13	3	10	-	-	-
Fredonia College	3	1	2	3	1	2	-	-	-
New Paltz College	4	-	4	4	-	4	-	-	-
Oneonta College	13	-	13	13	-	13	-	-	-
Oswego College	3	1	2	3	1	2	-	-	-
Plattsburgh College	13	6	7	12	6	6	1	-	1
Potsdam College	8	-	8	7	-	7	1	-	1
Elementary Teacher, N-6 and Social Studies (7-9)	91	42	49	82	37	45	9	5	4
Brockport College	7	3	4	1	-	1	6	3	3
Buffalo College	9	5	4	8	4	4	1	1	-
Cortland College	25	12	13	24	11	13	1	1	-
Fredonia College	8	5	3	8	5	3	-	-	-
New Paltz College	23	12	11	23	12	11	-	-	-

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dmd

TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and Social Studies (7-9) (continued)									
Oneonta College	8	2	6	8	2	6	-	-	-
Oswego College	5	1	4	5	1	4	-	-	-
Plattsburgh College	3	1	2	2	1	1	1	-	1
Potsdam College	3	1	2	3	1	2	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	6	-	6	6	-	6	-	-	-
Buffalo College	2	-	2	2	-	2	-	-	-
Cortland College	3	-	3	3	-	3	-	-	-
Oneonta College	1	-	1	1	-	1	-	-	-
English (7-12)	412	117	295	318	90	228	94	27	67
Albany Center	60	18	42	33	9	24	27	9	18
Binghamton Center	4	2	2	-	-	-	4	2	2
Buffalo Center	39	14	25	25	9	16	14	5	9
Stony Brook Center	35	12	23	35	12	23	-	-	-
Brockport College	61	23	38	39	15	24	22	8	14
Buffalo College	20	3	17	11	3	8	9	-	9
Cortland College	21	7	14	17	7	10	4	-	4
Fredonia College	29	11	18	27	11	16	2	-	2
Geneseo College	30	7	23	25	6	19	5	1	4

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dmd

TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
English (7-12) (continued)									
New Paltz College	45	3	42	43	3	40	2	-	2
Oneonta College	23	6	17	22	6	16	1	-	1
Oswego College	22	4	18	21	3	18	1	1	-
Plattsburgh College	2	-	2	2	-	2	-	-	-
Potsdam College	21	7	14	18	6	12	3	1	2
Social Studies (7-12)	381	247	134	285	188	97	96	59	37
Albany Center	49	27	22	25	11	14	24	16	8
Binghamton Center	4	3	1	-	-	-	4	3	1
Buffalo Center	35	20	15	23	12	11	12	8	4
Stony Brook Center	37	20	17	37	20	17	-	-	-
Brockport College	40	28	12	21	15	6	19	13	6
Buffalo College	21	12	9	16	10	6	5	2	3
Cortland College	32	18	14	22	14	8	10	4	6
Fredonia College	16	8	8	13	6	7	3	2	1
Geneseo College	17	11	6	13	8	5	4	3	1
New Paltz College	62	54	8	52	49	3	10	5	5
Oneonta College	27	17	10	27	17	10	-	-	-
Oswego College	22	19	3	22	19	3	-	-	-
Plattsburgh College	8	5	3	6	3	3	2	2	-
Potsdam College	11	5	6	8	4	4	3	1	2

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dmd

TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
French (7-12)	74	4	70	54	3	51	20	1	19
Albany Center	12	-	12	10	-	10	2	-	2
Buffalo Center	11	1	10	4	1	3	7	-	7
Stony Brook Center	4	-	4	4	-	4	-	-	-
Brockport College	2	-	2	1	-	1	1	-	1
Buffalo College	5	-	5	5	-	5	-	-	-
Cortland College	4	-	4	3	-	3	1	-	1
Fredonia College	5	-	5	5	-	5	-	-	-
New Paltz College	9	2	7	4	2	2	5	-	5
Oneonta College	9	-	9	9	-	9	-	-	-
Oswego College	10	1	9	6	-	6	4	1	3
Plattsburgh College	1	-	1	1	-	1	-	-	-
Potsdam College	2	-	2	2	-	2	-	-	-
Spanish (7-12)	91	14	77	81	13	68	10	1	9
Albany Center	18	6	12	17	6	11	1	-	1
Binghamton Center	1	-	1	-	-	-	1	-	1
Buffalo Center	6	2	4	2	1	1	4	1	3
Stony Brook Center	8	1	7	8	1	7	-	-	-
Brockport College	5	-	5	3	-	3	2	-	2
Buffalo College	9	2	7	9	2	7	-	-	-
Cortland College	12	1	11	12	1	11	-	-	-
Fredonia College	6	1	5	6	1	5	-	-	-

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Spanish (7-12) (continued)									
Geneseo College	1	-	1	1	-	1	-	-	-
New Paltz College	4	1	3	2	1	1	2	-	2
Oneonta College	7	-	7	7	-	7	-	-	-
Oswego College	8	-	8	8	-	8	-	-	-
Potsdam College	6	-	6	6	-	6	-	-	-
German (7-12)	13	4	9	12	4	8	1	-	1
Albany Center	3	1	2	3	1	2	-	-	-
Buffalo Center	2	1	1	1	1	-	1	-	1
Stony Brook Center	2	1	1	2	1	1	-	-	-
New Paltz College	1	1	-	1	1	-	-	-	-
Oneonta College	2	-	2	2	-	2	-	-	-
Oswego College	3	-	3	3	-	3	-	-	-
Italian (7-12)	9	1	8	9	1	8	-	-	-
Albany Center	4	-	4	4	-	4	-	-	-
Stony Brook Center	5	1	4	5	1	4	-	-	-
Latin (7-12)	3	-	3	2	-	2	1	-	1
Albany Center	2	-	2	2	-	2	-	-	-
Buffalo Center	1	-	1	-	-	-	1	-	1

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Russian (7-12)	2	-	2	2	-	2	-	-	-
Buffalo Center	1	-	1	1	-	1	-	-	-
Stony Brook Center	1	-	1	1	-	1	-	-	-
Mathematics (7-12)	215	84	131	137	51	86	78	33	45
Albany Center	28	9	19	8	1	7	20	8	12
Binghamton Center	6	-	6	-	-	-	6	-	6
Buffalo Center	13	8	5	6	3	3	7	5	2
Stony Brook Center	16	7	9	16	7	9	-	-	-
Brockport College	44	14	30	24	9	15	20	5	15
Buffalo College	18	13	5	12	9	3	6	4	2
Cortland College	16	6	10	12	4	8	4	2	2
Fredonia College	12	7	5	9	6	3	3	1	2
Geneseo College	4	-	4	4	-	4	-	-	-
New Paltz College	10	5	5	5	3	2	5	2	3
Oneonta College	20	6	14	17	4	13	3	2	1
Oswego College	17	5	12	14	2	12	3	3	-
Potsdam College	11	4	7	10	3	7	1	1	-
Biology (7-12)	141	76	65	94	55	39	47	21	26
Albany Center	13	7	6	8	5	3	5	2	3
Binghamton Center	6	3	3	-	-	-	6	3	3
Buffalo Center	10	5	5	8	3	5	2	2	-
Stony Brook Center	11	8	3	11	8	3	-	-	-

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Biology (7-12) (continued)									
Brockport College	27	14	13	17	11	6	10	3	7
Buffalo College	19	11	8	15	9	6	4	2	2
Cortland College	8	2	6	5	-	5	3	2	1
Fredonia College	1	1	-	-	-	-	1	1	-
Geneseo College	8	6	2	7	5	2	1	1	-
New Paltz College	14	5	9	2	2	-	12	3	9
Oneonta College	7	4	3	5	3	2	2	1	1
Oswego College	7	3	4	6	2	4	1	1	-
Plattsburgh College	3	1	2	3	1	2	-	-	-
Potsdam College	7	6	1	7	6	1	-	-	-
Chemistry (7-12)	44	37	7	35	30	5	9	7	2
Albany Center	2	1	1	1	1	-	1	-	1
Buffalo Center	6	6	-	3	3	-	3	3	-
Brockport College	19	15	4	16	12	4	3	3	-
Buffalo College	2	2	-	2	2	-	-	-	-
Cortland College	2	2	-	2	2	-	-	-	-
Fredonia College	1	1	-	-	-	-	1	1	-
Geneseo College	1	1	-	1	1	-	-	-	-
New Paltz College	2	1	1	1	1	-	1	-	1

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Chemistry (7-12) (continued)									
Oneonta College	2	2	-	2	2	-	-	-	-
Oswego College	1	1	-	1	1	-	-	-	-
Plattsburgh College	4	3	1	4	3	1	-	-	-
Potsdam College	2	2	-	2	2	-	-	-	-
Physics (7-12)	15	11	4	12	8	4	3	3	-
Albany Center	2	1	1	1	-	1	1	1	-
Buffalo Center	1	1	-	1	1	-	-	-	-
Brockport College	4	4	-	3	3	-	1	1	-
Cortland College	2	1	1	2	1	1	-	-	-
Fredonia College	3	2	1	3	2	1	-	-	-
New Paltz College	1	1	-	-	-	-	1	1	-
Oswego College	1	1	-	1	1	-	-	-	-
Potsdam College	1	-	1	1	-	1	-	-	-
Earth Science (7-12)	36	27	9	31	22	9	5	5	-
Buffalo Center	3	3	-	2	2	-	1	1	-
Brockport College	9	8	1	7	6	1	2	2	-
Buffalo College	10	7	3	9	6	3	1	1	-
Fredonia College	1	1	-	1	1	-	-	-	-
Geneseo College	2	2	-	2	2	-	-	-	-

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Earth Science (7-12) (continued)									
New Paltz College	3	2	1	2	1	1	1	1	-
Oneonta College	4	2	2	4	2	2	-	-	-
Oswego College	3	2	1	3	2	1	-	-	-
Plattsburgh College	1	-	1	1	-	1	-	-	-
Agriculture	28	17	11	21	10	11	7	7	-
Agriculture and Life Sciences	28	17	11	21	10	11	7	7	-
Art	168	39	129	145	36	109	23	3	20
Buffalo Center	15	1	14	11	-	11	4	1	3
Buffalo College	99	21	78	83	20	63	16	1	15
New Paltz College	54	17	37	51	16	35	3	1	2
Health	138	42	96	112	36	76	26	6	20
Brockport College	48	17	31	39	15	24	9	2	7
Cortland College	58	15	43	46	11	35	12	4	8
Plattsburgh College	23	10	13	23	10	13	-	-	-
Utica/Rome College	9	-	9	4	-	4	5	-	5

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Home Economics	128	-	128	97	-	97	31	-	31
Buffalo College	46	-	46	29	-	29	17	-	17
Oneonta College	42	-	42	32	-	32	10	-	10
Plattsburgh College	37	-	37	34	-	34	3	-	3
Human Ecology	3	-	3	2	-	2	1	-	1
Industrial Arts	311	290	21	294	273	21	17	17	-
Buffalo College	112	106	6	96	90	6	16	16	-
Oswego College	199	184	15	198	183	15	1	1	-
School Media Specialist (Library)	52	6	46	5	1	4	47	5	42
Albany Center	20	3	17	5	1	4	15	2	13
Buffalo Center	10	1	9	-	-	-	10	1	9
Geneseo College	22	2	20	-	-	-	22	2	20
Music	204	87	117	182	80	102	22	7	15
Buffalo Center	13	6	7	12	5	7	1	1	-
Fredonia College	60	29	31	49	25	24	11	4	7
Potsdam College	131	52	79	121	50	71	10	2	8

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Physical Education	594	310	284	526	271	255	68	39	29
Buffalo Center	14	8	6	13	8	5	1	-	1
Brockport College	248	123	125	224	111	113	24	12	12
Cortland College	332	179	153	289	152	137	43	27	16
Recreation	63	25	38	58	22	36	5	3	2
Cortland College	63	25	38	58	22	36	5	3	2
Speech	29	7	22	20	5	15	9	2	7
Buffalo Center	2	1	1	2	1	1	-	-	-
Brockport College	6	-	6	3	-	3	3	-	3
Cortland College	7	2	5	2	1	1	5	1	4
Geneseo College	8	3	5	8	3	5	-	-	-
Oneonta College	6	1	5	5	-	5	1	1	-
Business Education	36	6	30	11	-	11	25	6	19
Albany Center	30	6	24	8	-	8	22	6	16
Buffalo Center	6	-	6	3	-	3	3	-	3

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Business and Distributive Education	92	23	69	78	17	61	14	6	8
Albany Center	56	13	43	48	8	40	8	5	3
Buffalo Center	14	1	13	10	1	9	4	-	4
Buffalo College	22	9	13	20	8	12	2	1	1
Trade Subjects	59	45	14	36	27	9	23	18	5
Buffalo College	17	12	5	9	6	3	8	6	2
Utica/Rome College	42	33	9	27	21	6	15	12	3
Technical Subjects	3	2	1	3	2	1	-	-	-
Utica/Rome College	3	2	1	3	2	1	-	-	-
Speech and Hearing Handicapped	413	35	378	318	21	297	95	14	81
Albany Center	56	4	52	44	3	41	12	1	11
Buffalo Center	3	1	2	-	-	-	3	1	2
Brockport College	39	4	35	38	4	34	1	-	1
Buffalo College	87	8	79	42	1	41	45	7	38
Cortland College	24	1	23	24	1	23	-	-	-
Fredonia College	38	4	34	28	2	26	10	2	8
Geneseo College	118	11	107	94	8	86	24	3	21
New Paltz College	22	2	20	22	2	20	-	-	-
Plattsburgh College	26	-	26	26	-	26	-	-	-

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Deaf	7	1	6	-	-	-	7	1	6
Geneseo College	7	1	6	-	-	-	7	1	6
Special Education	528	66	462	331	33	298	197	33	164
Albany Center	28	6	22	9	1	8	19	5	14
Binghamton Center	18	4	14	-	-	-	18	4	14
Buffalo College	291	35	256	215	23	192	76	12	64
Geneseo College	100	5	95	78	3	75	22	2	20
New Paltz College	62	10	52	-	-	-	62	10	52
Plattsburgh College	29	6	23	29	6	23	-	-	-
Coordinator of Diversified Cooperative Work-Study Programs[a]	9	5	4	-	-	-	9	5	4
Albany Center	1	1	-	-	-	-	1	1	-
Buffalo College	6	2	4	-	-	-	6	2	4
Utica/Rome College	2	2	-	-	-	-	2	2	-
Special Education, Elementary Education, N-6	68	6	62	65	4	61	3	2	1
Geneseo College	68	6	62	65	4	61	3	2	1

[a]This certificate is an extension of an Industrial Arts or Occupational Subjects Certificate.

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1977 THROUGH JUNE 30, 1978
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Nursery School-Kindergarten	2	-	2	2	-	2	-	-	-
Human Ecology	2	-	2	2	-	2	-	-	-
Reading Teacher	82	7	75	79	6	73	3	1	2
Albany Center	36	2	34	36	2	34	-	-	-
Buffalo Center	9	-	9	9	-	9	-	-	-
Brockport College	16	1	15	16	1	15	-	-	-
Buffalo College	1	-	1	1	-	1	-	-	-
Geneseo College	7	1	6	7	1	6	-	-	-
Oneonta College	1	1	-	1	1	-	-	-	-
Oswego College	3	1	2	-	-	-	3	1	2
Plattsburgh College	1	-	1	1	-	1	-	-	-
Potsdam College	8	1	7	8	1	7	-	-	-

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PART FOUR

DETAILED TABLES, 1978-79

TABLE 15--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979

Institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	6,123	1,577	4,546	4,552	1,236	3,316	1,571	341	1,230
University Centers	853	234	619	430	132	306	413	102	311
Albany	456	107	349	225	50	175	231	57	174
Binghamton	34	4	30	3	-	3	31	4	27
Buffalo	293	94	199	140	53	87	153	41	112
Stony Brook	70	29	41	70	29	41	-	-	-
University Colleges	5,172	1,301	3,871	4,043	1,071	2,972	1,129	230	899
Brockport[a]	535	182	353	445	153	292	90	29	61
Buffalo	1,148	252	896	757	182	575	391	70	321
Cortland	769	224	545	663	194	469	106	30	76
Fredonia	334	83	251	245	70	175	89	13	76
Geneseo	523	58	465	410	44	366	113	14	99
New Paltz	457	92	365	212	45	167	245	47	198
Old Westbury	52	6	46	52	6	46	-	-	-
Oneonta	362	55	307	343	54	289	19	1	18
Oswego	474	238	236	431	221	210	43	17	26
Plattsburgh	296	49	247	274	42	232	22	7	15
Potsdam	222	62	160	211	60	151	11	2	9
Specialized Colleges	49	32	17	29	24	5	20	8	12
Technology at Utica/Rome	49	32	17	29	24	5	20	8	12
Statutory Colleges	49	10	39	42	9	33	7	1	6
Agriculture and Life Sciences	19	10	9	12	9	3	7	1	6
Human Ecology	30	-	30	30	-	30	-	-	-

[a]Does not include individual record assessments made on behalf of the New York State Education Department for students not completing an approved program.

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	6,123	1,577	4,546	4,552	1,236	3,316	1,571	341	1,230
University Centers	853	234	619	438	132	306	415	102	313
Albany	456	107	349	225	50	175	231	57	174
School District Administrator	7	3	4	-	-	-	7	3	4
School Administrator and Supervisor	1	1	-	-	-	-	1	1	-
School Counselor	28	8	20	-	-	-	28	8	20
School Psychologist	10	4	6	-	-	-	10	4	6
English (7-12)	58	18	40	39	11	28	19	7	12
Social Studies (7-12)	26	17	9	16	10	6	10	7	3
French (7-12)	15[a]	3	12	8	1	7	7	2	5
Spanish (7-12)	22[b]	2	20	19	2	17	3	-	3
Latin (7-12)	1	-	1	1	-	1	-	-	-
German (7-12)	2[c]	-	2	2	-	2	-	-	-
Italian (7-12)	3	-	3	3	-	3	-	-	-
Mathematics (7-12)	23	4	19	6	4	2	17	-	17
Biology (7-12)	19	9	10	9	4	5	10	5	5
Chemistry (7-12)	1	1	-	-	-	-	1	1	-
School Media Specialist (Library)	20	1	19	-	-	-	20	1	19
Business Education	24	8	16	4	1	3	20	7	13
Business and Distributive Education	44	14	30	36	10	26	8	4	4
Speech and Hearing Handicapped	19	-	19	17	-	17	2	-	2

*All footnote references appear at the end of this table.

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Albany (continued)									
Special Education	21	6	15	-	-	-	21	6	15
Reading Teacher	66[d]	7	59	64	7	57	2	-	2
Elementary Teacher, N-6	44	1	43	-	-	-	44	1	43
Coordinator of Diversified Cooperative Work-Study Programs[m]	1	-	1	-	-	-	1	-	1
Russian (7-12)	1	-	1	1	-	1	-	-	-
Binghamton	34	4	30	3	-	3	31	4	27
Elementary Teacher, N-6	7	-	7	-	-	-	7	-	7
Social Studies (7-12)	2	1	1	-	-	-	2	1	1
Mathematics (7-12)	5	-	5	-	-	-	5	-	5
Biology (7-12)	1	1	-	-	-	-	1	1	-
Special Education	16	2	14	-	-	-	16	2	14
Reading Teacher	3	-	3	3	-	3	-	-	-
Buffalo	293	94	199	140	53	87	153	41	112
School District Administrator	3	-	3	-	-	-	3	-	3
School Administrator and Supervisor	6	5	1	-	-	-	6	5	1
School Counselor	33	12	21	20	6	14	13	6	7
Elementary Teacher, N-6	33	2	31	-	-	-	33	2	31
English (7-12)	32	10	22	20	7	13	12	3	9

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Buffalo (continued)									
Social Studies (7-12)	22	11	11	11	6	5	11	5	6
French (7-12)	4	-	4	2	-	2	2	-	2
Spanish (7-12)	6	2	4	4	2	2	2	-	2
Latin (7-12)	1	1	-	1	1	-	-	-	-
German (7-12)	4	2	2	3	2	1	1	-	1
Mathematics	16	9	7	11	6	5	5	3	2
Biology (7-12)	11	8	3	8	8	-	3	-	3
Chemistry	2	1	1	2	1	1	-	-	-
Physics (7-12)	1	-	1	-	-	-	1	-	1
Earth Science (7-12)	2	1	1	-	-	-	2	1	1
Art	7	3	4	5	1	4	2	2	-
School Media Specialist (Library)	15	1	14	-	-	-	15	1	14
Music	34	17	17	9	4	5	25	13	12
Physical Education	13	9	4	12	9	3	1	-	1
Speech	1	-	1	1	-	1	-	-	-
Speech and Hearing Handicapped	15	-	15	-	-	-	15	-	15
Reading Teacher	30	-	30	30	-	30	-	-	-
Health Education	2	-	2	1	-	1	1	-	1
Stony Brook	70	29	41	70	29	41	-	-	-
English (7-12)	13	5	8	13	5	8	-	-	-
Social Studies (7-12)	25	13	12	25	13	12	-	-	-
French (7-12)	3	-	3	3	-	3	-	-	-
Spanish (7-12)	7[e]	1	6	7	1	6	-	-	-

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Stony Brook (continued)									
German (7-12)	2	-	2	2	-	2	-	-	-
Russian (7-12)	1	-	1	1	-	1	-	-	-
Mathematics (7-12)	9	5	4	9	5	4	-	-	-
Biology (7-12)	3	1	2	3	1	2	-	-	-
Italian (7-12)	3[f]	1	2	3	1	2	-	-	-
Earth Science	3	3	-	3	3	-	-	-	-
Chemistry	1	-	1	1	-	1	-	-	-
University Colleges	5,172	1,301	3,871	4,043	1,071	2,972	1,129	230	899
Brockport[o]	535	182	353	445	153	292	90	29	61
Elementary Teacher, N-6	139	17	122	104	16	88	35	1	34
Elementary Teacher, N-6 and Mathematics (7-9)	1	-	1	1	-	1	-	-	-
English (7-12)	16	6	10	13	6	7	3	-	3
Social Studies (7-12)	14	7	7	9	5	4	5	2	3
Spanish (7-12)	4	1	3	4	1	3	-	-	-
Mathematics (7-12)	15	6	9	8	3	5	7	3	4
Biology (7-12)	15	10	5	12	8	4	3	2	1
Chemistry (7-12)	3	1	2	-	-	-	3	1	2
Earth Science (7-12)	9	9	-	7	7	-	2	2	-

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Brockport (continued)									
Health	21	5	16	21	5	16	-	-	-
Physical Education	217	101	116	214	99	115	3	2	1
Speech	2	-	2	1	-	1	1	-	1
Speech and Hearing Handicapped	21	1	20	21	1	20	-	-	-
Reading Teacher	18	-	18	18	-	18	-	-	-
School Counselor	18	5	13	12	2	10	6	3	3
School Administrator and Supervisor	22	13	9	-	-	-	22	13	9
Buffalo	1,148	252	896	757	182	575	391	70	321
School Administrator and Supervisor	13	5	8	-	-	-	13	5	8
Elementary Teacher, N-6	284	26	258	136	11	125	148	15	133
Elementary Teacher, N-6 and English (7-9)	8	1	7	5	1	4	3	-	3
Elementary Teacher, N-6 and General Science (7-9)	2	2	-	2	2	-	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	13	2	11	10	1	9	3	1	2
Elementary Teacher, N-6 and Social Studies (7-9)	11	5	6	9	4	5	2	1	1
English (7-12)	28	10	18	13	4	9	15	6	9
Social Studies (7-12)	23	16	7	14	12	2	9	4	5

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Buffalo (continued)									
French (7-12)	2	-	2	2	-	2	-	-	-
Spanish (7-12)	4	-	4	4	-	4	-	-	-
Mathematics (7-12)	22	5	17	8	3	5	14	2	12
Biology (7-12)	18	7	11	11	4	7	7	3	4
Chemistry (7-12)	1	1	-	1	1	-	-	-	-
Earth Science (7-12)	4	2	2	3	2	1	1	-	1
Art	127	24	103	105	20	85	22	4	18
Home Economics	48	-	48	31	-	31	17	-	17
Industrial Arts	101	98	3	83	80	3	18	18	-
Business and Distributive Education	25	8	17	24	8	16	1	-	1
Trade Subjects	5	4	1	5	4	1	-	-	-
Speech and Hearing Handicapped	58	1	57	43	1	42	15	-	15
Special Education	305	29	276	211	19	192	94	10	84
Reading Teacher	44	6	38	37	5	32	7	1	6
School Nurse Teacher	2	-	2	-	-	-	2	-	2
Cortland	769	224	545	663	194	469	106	30	76
School Administrator and Supervisor	6	4	2	-	-	-	6	4	2
Elementary Teacher, N-6	177	10	167	129	4	125	48	6	42
Elementary Teacher, N-6 and English (7-9)	14	2	12	14	2	12	-	-	-
Elementary Teacher, N-6 and French (7-9)	1	-	1	1	-	1	-	-	-

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Cortland (continued)									
Elementary Teacher, N-6 and General Science (7-9)	14[g]	2	12	12	2	10	2	-	2
Elementary Teacher, N-6 and German (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	19	4	15	17	4	13	2	-	2
Elementary Teacher, N-6 and Social Studies (7-9)	17	2	15	17	2	15	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	4	-	4	4	-	4	-	-	-
English (7-12)	7	2	5	6	2	4	1	-	1
Social Studies (7-12)	25	18	7	21	15	6	4	3	1
French (7-12)	2	-	2	1	-	1	1	-	1
Spanish (7-12)	3	1	2	3	1	2	-	-	-
Mathematics (7-12)	9	2	7	8	2	6	1	-	1
Biology (7-12)	11[h]	5	6	7	2	5	4	3	1
Physics (7-12)	2[h]	1	1	2	1	1	-	-	-
Earth Science (7-12)	1	1	-	1	1	-	-	-	-
Health	58	14	44	50	13	37	8	1	7
Physical Education	294	139	155	269	127	142	25	12	13
Recreation Teacher	62	16	46	60	15	45	2	1	1
Speech	5	-	5	3	-	3	2	-	2
Speech and Hearing Handicapped	36	1	35	36	1	35	-	-	-

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dj

TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Fredonia	334	83	251	245	70	175	89	13	76
Elementary Teacher, N-6	140	17	123	84	12	72	56	5	51
Elementary Teacher, N-6 and English (7-9)	3	-	3	3	-	3	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	3	1	2	3	1	2	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	7	4	3	7	4	3	-	-	-
English (7-12)	24	10	14	21	9	12	3	1	2
Social Studies (7-12)	16	11	5	14	9	5	2	2	-
Spanish (7-12)	1	-	1	1	-	1	-	-	-
Mathematics (7-12)	13	4	9	6	2	4	7	2	5
Biology(7-12)	3	3	-	3	3	-	-	-	-
Physics (7-12)	1	1	-	1	1	-	-	-	-
Earth Science (7-12)	2	1	1	1	1	-	1	-	1
Music	75	30	45	66	28	38	9	2	7
Speech and Hearing Handicapped	44	1	43	33	-	33	11	1	10

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THORUGH JUNE 30, 1979
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Geneseo	523	58	465	410	44	366	113	14	99
Elementary Teacher, N-6	137	10	127	106	7	99	31	3	28
English (7-12)	13	3	10	10	3	7	3	-	3
Social Studies (7-12)	19	12	7	16	11	5	3	1	2
Spanish (7-12)	1	-	1	1	-	1	-	-	-
Mathematics (7-12)	3	2	1	2	2	-	1	-	1
Biology (7-12)	3	1	2	3	1	2	-	-	-
Earth Science (7-12)	1	-	1	1	-	1	-	-	-
School Media Specialist (Library)	25	2	23	-	-	-	25	2	23
Speech	8	4	4	8	4	4	-	-	-
Speech and Hearing Handicapped	92	2	90	81	1	80	11	1	10
Deaf	10	3	7	-	-	-	10	3	7
Special Education	194	16	178	166	12	154	28	4	24
Reading Teacher	16	3	13	16	3	13	-	-	-
French (7-12)	1	-	1	-	-	-	1	-	1
New Paltz	457	92	365	212	45	167	245	47	198
School District Administrator	11	9	2	-	-	-	11	9	2
School Administrator and Supervisor	7	4	3	-	-	-	7	4	3
Elementary Teacher, N-6	237	27	210	86	11	75	151	16	135
Elementary Teacher, N-6 and English (7-9)	6	1	5	4	-	4	2	1	1

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dj

TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
New Paltz (continued)									
Elementary Teacher, N-6 and Mathematics (7-9)	5	1	4	4	1	3	1	-	1
Elementary Teacher, N-6 and Social Studies (7-9)	4	1	3	4	1	3	-	-	-
English (7-12)	18	4	14	14	4	10	4	-	4
Social Studies (7-12)	24	14	10	17	11	6	7	3	4
French (7-12)	2	-	2	1	-	1	1	-	1
Spanish (7-12)	8	2	6	4	2	2	4	-	4
German (7-12)	3	-	3	3	-	3	-	-	-
Mathematics (7-12)	1	-	1	-	-	-	1	-	1
Biology (7-12)	9	2	7	3	1	2	6	1	5
Physics (7-12)	2	1	-	1	1	-	-	-	-
Earth Science (7-12)	6	5	1	4	3	1	2	2	-
Art	51	8	43	42	8	34	9	-	9
Speech and Hearing Handicapped	25	2	23	25	2	23	-	-	-
Special Education	39	11	28		-	-	39	11	28
Old Westbury	52	6	46	52	6	46	-	-	-
Elementary Teacher, N-6	52	6	46	52	6	46	-	-	-

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Oneonta	362	55	307	343	54	289	19	1	18
School Nurse Teacher	3	-	3	3	-	3	-	-	-
School Counselor	2	1	1	-	-	-	2	1	1
Elementary Teacher, N-6	215	15	200	207	15	192	8	-	8
Elementary Teacher, N-6 and English (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	7	-	7	7	-	7	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	10	2	8	10	2	8	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	2	-	2	2	-	2	-	-	-
English (7-12)	17	3	14	17	3	14	-	-	-
Social Studies (7-12)	18	16	2	18	16	2	-	-	-
Spanish (7-12)	6	1	5	6	1	5	-	-	-
German (7-12)	2	1	1	2	1	1	-	-	-
Mathematics (7-12)	11	5	6	11	5	6	-	-	-
Biology (7-12)	7	4	3	7	4	3	-	-	-
Chemistry (7-12)	1	1	-	1	1	-	-	-	-
Physics (7-12)	2	2	-	2	2	-	-	-	-
Earth Science (7-12)	3	2	1	3	2	1	-	-	-

1119-11

TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Oneonta (continued)									
Home Economics	42	-	42	40	-	40	2	-	2
Speech	2	2	-	2	2	-	-	-	-
Reading Teacher	9	-	9	2	-	2	7	-	7
Oswego	474	238	236	431	221	210	43	17	26
School Administrator and Supervisor	11	5	6	-	-	-	11	5	6
School Counselor	3	3	-	-	-	-	3	3	-
School Psychologist	5	2	3	-	-	-	5	2	3
Elementary Teacher, N-6	189	17	172	180	17	163	9	-	9
English (7-12)	14	4	10	13	3	10	1	1	-
Social Studies (7-12)	19	13	6	18	12	6	1	1	-
French (7-12)	2	-	2	2	-	2	-	-	-
Spanish (7-12)	4	-	4	4	-	4	-	-	-
German (7-12)	3	-	3	3	-	3	-	-	-
Mathematics (7-12)	2	-	2	2	-	2	-	-	-
Biology (7-12)	3	-	3	3	-	3	-	-	-
Chemistry (7-12)	1	1	-	1	1	-	-	-	-
Physics (7-12)	2	2	-	2	2	-	-	-	-
Earth Science (7-12)	5	3	2	4	3	1	1	-	1
Industrial Arts	204	188	16	199	183	16	5	5	-
Reading Teacher	7	-	7	-	-	-	7	-	7

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Plattsburgh	296	49	247	274	42	232	22	7	15
School Counselor	6	3	3	1	-	1	5	3	2
School Psychologist	8	4	4	4	2	2	4	2	2
Elementary Teacher, N-6	109	14	95	100	12	88	9	2	7
Elementary Teacher, N-6 and General Science (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	4	1	3	4	1	3	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	3	1	2	2	1	1	1	-	1
English (7-12)	5	1	4	4	1	3	1	-	1
Social Studies (7-12)	8	4	4	8	4	4	-	-	-
French (7-12)	4	1	3	4	1	3	-	-	-
Biology (7-12)	2	1	1	2	1	1	-	-	-
Chemistry (7-12)	1	-	1	1	-	1	-	-	-
Earth Science (7-12)	4	-	4	4	-	4	-	-	-
Health	28	16	12	28	16	12	-	-	-
Home Economics	43[k]	-	43	42	-	42	1	-	1
Speech and Hearing Handicapped	21[l]	-	21	21	-	21	-	-	-
Special Education	44	3	41	43	3	40	1	-	1
Reading Teacher	4	-	4	4	-	4	-	-	-

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Potsdam	222	62	160	211	60	151	11	2	9
Elementary Teacher, N-6	59	5	54	51	4	47	8	1	7
Elementary Teacher, N-6 and English (7-9)	4	-	4	4	-	4	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	4	2	2	4	2	2	-	-	-
English (7-12)	5	-	5	5	-	5	-	-	-
Social Studies (7-12)	4	3	1	4	3	1	-	-	-
French (7-12)	8	1	7	8	1	7	-	-	-
Spanish (7-12)	1	-	1	1	-	1	-	-	-
Mathematics (7-12)	6	2	4	4	1	3	2	1	1
Biology (7-12)	4	2	2	3	2	1	1	-	1
Physics (7-12)	1	1	-	1	1	-	-	-	-
Earth Science (7-12)	1	1	-	1	1	-	-	-	-
Music	116	44	72	116	44	72	-	-	-
Reading Teacher	8	1	7	8	1	7	-	-	-
Specialized Colleges	49	32	17	29	24	5	20	8	12
Technology at Utica/Rome	49	32	17	29	24	5	20	8	12
Trade Subjects	39	31	8	27	23	4	12	8	4
Technical Subjects	10	1	9	2	1	1	8	-	8

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Statutory Colleges	49	10	39	42	9	33	7	1	6
Agriculture and Life Sciences	19	10	9	12	9	3	7	1	6
Agriculture Teacher	19	10	9	12	9	3	7	1	6
Human Ecology	30	-	30	30	-	30	-	-	-
Home Economics	28	-	28	28	-	28	-	-	-
Nursery School-Kindergarten	2	-	2	2	-	2	-	-	-

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FOOTNOTE REFERENCES

[a]One student was also recommended for certification in Latin (7-12).

[b]One student was also recommended for certification in Italian (7-12).

[c]One student was also recommended for certification in Business Education.

[d]Twenty students were recommended for certification as Elementary Teacher, N-6.

[e]One student was also recommended for certification in Italian (7-12).

[f]One student was also recommended for certification in Spanish (7-12).

[g]One student was also recommended for certification in Recreation.

[h]These two students were also recommended for certification in Mathematics (7-12).

[i]A total of 95 persons were also recommended for certification in Elementary Education, N-6.

[j]One student was also recommended for certification in German (7-12).

[k]Four students were also recommended for certification as Elementary Teacher, N-6.

[l]Two students were also recommended for certification as Elementary Teacher, N-6.

[m]This certificate is an extension of an Industrial Arts or Occupational Subjects Certificate.

[o]Does not include individual record assessments made on behalf of the New York State Education Department for students not completing an approved program.

TABLE 17--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended	6,123	1,577	4,546	4,552	1,236	3,316	1,571	341	1,230
School District Administrator	21	12	9	-	-	-	21	12	9
School Administrator and Supervisor	65	37	29	-	-	-	66	37	29
School Nurse Teacher	5	-	5	3	-	3	2	-	2
School Counselor	90	32	58	33	8	25	57	24	33
School Psychologist	23	10	13	4	2	2	19	8	11
Elementary Teacher, N-6	1,822	167	1,655	1,235	115	1,120	587	52	535
Elementary Teacher, N-6 and English (7-9)	37	4	33	32	3	29	5	1	4
Elementary Teacher, N-6 and Social Studies (7-9)	56	17	39	53	16	37	3	1	2
Elementary Teacher, N-6 and French (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and German (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	6	-	6	6	-	6	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	52	8	44	46	7	39	6	1	5
Elementary Teacher, N-6 and General Science (7-9)	22	5	17	20	5	15	2	-	2
English (7-12)	250	76	174	188	58	130	62	18	44
Social Studies (7-12)	245	156	89	191	127	64	54	29	25

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TABLE 17--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979 (Continued)

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended (cont.)									
French (7-12)	43	5	38	31	3	28	12	2	10
Spanish (7-12)	67	10	57	58	10	48	9	-	9
Latin (7-12)	2	1	1	2	1	1	-	-	-
German (7-12)	16	3	13	15	3	12	1	-	1
Russian (7-12)	2	-	2	2	-	2	-	-	-
Italian (7-12)	6	1	5	6	1	5	-	-	-
Mathematics (7-12)	135	44	91	75	33	42	60	11	49
Biology (7-12)	109	54	55	74	39	35	35	15	20
Chemistry (7-12)	11	6	5	7	4	3	4	2	2
Physics (7-12)	10	8	2	9	8	1	1	-	1
Earth Science (7-12)	41	28	13	32	23	9	9	5	4
Agriculture	19	10	9	12	9	3	7	1	6
Art	185	35	150	152	29	123	33	6	27
Health	109	35	74	100	34	66	9	1	8
Home Economics	161	-	161	141	-	141	20	-	20
Industrial Arts	305	286	19	282	263	19	23	23	-
School Media Specialist	60	4	56	-	-	-	60	4	56
Music	225	91	134	191	76	115	34	15	19
Physical Education	524	249	275	495	235	260	29	14	15
Recreation	62	16	46	60	15	45	2	1	1
Speech	18	6	12	15	6	9	3	-	3

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TABLE 17--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT
STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Certification Area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended (cont.)									
Business Education	24	8	16	4	1	3	20	7	13
Business and Distributive Education	69	22	47	60	18	42	9	4	5
Trade Subjects	44	35	9	32	27	5	12	8	4
Technical Subjects	10	1	9	2	1	1	8	-	8
Speech and Hearing Handicapped	331	8	323	277	6	271	54	2	52
Deaf	10	3	7	-	-	-	10	3	7
Special Education	619	67	552	420	34	386	199	33	166
Coordinator of Diversified Cooperative Work-Study Programs[a]	1	-	1	-	-	-	1	-	1
Reading Teacher	205	17	188	182	16	166	23	1	22
Nursery School - Kindergarten	2	-	2	2	-	2	-	-	-

[a]This certificate is an extension of an Industrial Arts or Occupational Subjects Certificate.

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total[a]	6,123	1,577	4,546	4,552	1,236	3,316	1,571	341	1,230
School District Administrator	21	12	9	-	-	-	21	12	9
Albany Center	7	3	4	-	-	-	7	3	4
Buffalo Center	3	-	3	-	-	-	3	-	3
New Paltz College	11	9	2	-	-	-	11	9	2
School Administrator and Supervisor	66	37	29	-	-	-	66	37	29
Albany Center	1	1	-	-	-	-	1	1	-
Buffalo Center	6	5	1	-	-	-	6	5	1
Brockport College	22	13	9	-	-	-	22	13	9
Buffalo College	13	5	8	-	-	-	13	5	8
Cortland College	6	4	2	-	-	-	6	4	2
New Paltz College	7	4	3	-	-	-	7	4	3
Oswego College	11	5	6	-	-	-	11	5	6
School Nurse Teacher	5	-	5	3	-	3	2	-	2
Buffalo College	2	-	2	-	-	-	2	-	2
Oneonta College	3	-	3	3	-	3	-	-	-
School Counselor	90	32	58	33	8	25	57	24	33
Albany Center	28	8	20	-	-	-	28	8	20
Buffalo Center	33	12	21	20	6	14	13	6	7
Brockport College	18	5	13	12	2	10	6	3	3

[a]See Table 16 of this report for detail institutional information on students who were recommended for two or more certification areas.

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
School Counselor (continued)									
Oneonta College	2	1	1	-	-	-	2	1	1
Oswego College	3	3	-	-	-	-	3	3	-
Plattsburgh College	6	3	3	1	-	1	5	3	2
School Psychologist	23	10	13	4	2	2	19	8	11
Albany Center	10	4	6	-	-	-	10	4	6
Oswego College	5	2	3	-	-	-	5	2	3
Plattsburgh College	8	4	4	4	2	2	4	2	2
Elementary Teacher, N-6	1,822	167	1,655	1,235	115	1,120	587	52	535
Albany Center	44	1	43	-	-	-	44	1	43
Binghamton Center	7	-	7	-	-	-	7	-	7
Buffalo Center	33	2	31	-	-	-	33	2	31
Brockport College	139	17	122	104	16	88	35	1	34
Buffalo College	284	26	258	136	11	125	148	15	133
Cortland College	177	10	167	129	4	125	48	6	42
Fredonia College	140	17	123	84	12	72	56	5	51
Geneseo College	137	10	127	106	7	99	31	3	28
New Paltz College	237	27	210	86	11	75	151	16	135
Old Westbury College	52	6	46	52	6	46	-	-	-
Oneonta College	215	15	200	207	15	192	8	-	8
Oswego College	189	17	172	180	17	163	9	-	9
Plattsburgh College	109	14	95	100	12	88	9	2	7
Potsdam College	59	5	54	51	4	47	8	1	7

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and English (7-9)	37	4	33	32	3	29	5	1	4
Buffalo College	8	1	7	5	1	4	3	-	3
Cortland College	14	2	12	14	2	12	-	-	-
Fredonia College	3	-	3	3	-	3	-	-	-
New Paltz College	6	1	5	4	-	4	2	1	1
Oneonta College	2	-	2	2	-	2	-	-	-
Potsdam College	4	-	4	4	-	4	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	56	17	39	53	16	37	3	1	2
Buffalo College	11	5	6	9	4	5	2	1	1
Cortland College	17	2	15	17	2	15	-	-	-
Fredonia College	7	4	3	7	4	3	-	-	-
New Paltz College	4	1	3	4	1	3	-	-	-
Oneonta College	10	2	8	10	2	8	-	-	-
Plattsburgh College	3	1	2	2	1	1	1	-	1
Potsdam College	4	2	2	4	2	2	-	-	-
Elementary Teacher, N-6 and French (7-9)	1	-	1	1	-	1	-	-	-
Cortland College	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and German (7-9)	2	-	2	2	-	2	-	-	-
Cortland College	2	-	2	2	-	2	-	-	-

TABLE 18--EDUCATIONAL CERTIFICATIONS-RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and Spanish (7-9)	6	-	6	6	-	6	-	-	-
Cortland College	4	-	4	4	-	4	-	-	-
Oneonta College	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	52	8	44	46	7	39	6	1	5
Brockport College	1	-	1	1	-	1	-	-	-
Buffalo College	13	2	11	10	1	9	3	1	2
Cortland College	19	4	15	17	4	13	2	-	2
Fredonia College	2	-	2	2	-	2	-	-	-
New Paltz College	5	1	4	4	1	3	1	-	1
Oneonta College	7	-	7	7	-	7	-	-	-
Plattsburgh College	4	1	3	4	1	3	-	-	-
Potsdam College	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	22	5	17	20	5	15	2	-	2
Buffalo College	2	2	-	2	2	-	-	-	-
Cortland College	14	2	12	12	2	10	2	-	2
Fredonia College	3	1	2	3	1	2	-	-	-
Oneonta College	1	-	1	1	-	1	-	-	-
Plattsburgh College	2	-	2	2	-	2	-	-	-

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979 (Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
English (7-12)	250	76	174	188	58	130	62	18	44
Albany Center	58	18	40	39	11	28	19	7	12
Buffalo Center	32	10	22	20	7	13	12	3	9
Stony Brook Center	13	5	8	13	5	8	-	-	-
Brockport College	16	6	10	13	6	7	3	-	3
Buffalo College	28	10	18	13	4	9	15	6	9
Cortland College	7	2	5	6	2	4	1	-	1
Fredonia College	24	10	14	21	9	12	3	1	2
Geneseo College	13	3	10	10	3	7	3	-	3
New Paltz College	18	4	14	14	4	10	4	-	4
Oneonta College	17	3	14	17	3	14	-	-	-
Oswego College	14	4	10	13	3	10	1	1	-
Plattsburgh College	5	1	4	4	1	3	1	-	1
Potsdam College	5	-	5	5	-	5	-	-	-
Social Studies (7-12)	245	156	89	191	127	64	54	29	25
Albany Center	26	17	9	16	10	6	10	7	3
Binghamton Center	2	1	1	-	-	-	2	1	1
Buffalo Center	22	11	11	11	6	5	11	5	6
Stony Brook Center	25	13	12	25	13	12	-	-	-
Brockport College	14	7	7	9	5	4	5	2	3
Buffalo College	23	16	7	14	12	2	9	4	5
Cortland College	25	18	7	21	15	6	4	3	1

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Social Studies (7-12) (continued)									
Fredonia College	16	11	5	14	9	5	2	2	-
Geneseo College	19	12	7	16	11	5	3	1	2
New Paltz College	24	14	10	17	11	6	7	3	4
Oneonta College	18	16	2	18	16	2	-	-	-
Oswego College	19	13	6	18	12	6	1	1	-
Plattsburgh College	8	4	4	8	4	4	-	-	-
Potsdam College	4	3	1	4	3	1	-	-	-
French (7-12)	43	5	38	31	3	28	12	2	10
Albany Center	15	3	12	8	1	7	7	2	5
Buffalo Center	4	-	4	2	-	2	2	-	2
Stony Brook Center	3	-	3	3	-	3	-	-	-
Buffalo College	2	-	2	2	-	2	-	-	-
Cortland College	2	-	2	1	-	1	1	-	1
Geneseo College	1	-	1	-	-	-	1	-	1
New Paltz College	2	-	2	1	-	1	1	-	1
Oswego College	2	-	2	2	-	2	-	-	-
Plattsburgh College	4	1	3	4	1	3	-	-	-
Potsdam College	8	1	7	8	1	7	-	-	-
Spanish (7-12)	67	10	57	58	10	48	9	-	9
Albany Center	22	2	20	19	2	17	3	-	3
Buffalo Center	6	2	4	4	2	2	2	-	2
Stony Brook Center	7	1	6	7	1	6	-	-	-
Brockport College	4	1	3	4	1	3	-	-	-

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Spanish (7-12) (continued)									
Buffalo College	4	-	4	4	-	4	-	-	-
Cortland College	3	1	2	3	1	2	-	-	-
Fredonia College	1	-	1	1	-	1	-	-	-
Geneseo College	1	-	1	1	-	1	-	-	-
New Paltz College	8	2	6	4	2	2	4	-	4
Oneonta College	6	1	5	6	1	5	-	-	-
Oswego College	4	-	4	4	-	4	-	-	-
Potsdam College	1	-	1	1	-	1	-	-	-
Latin (7-12)	2	1	1	2	1	1	-	-	-
Albany Center	1	-	1	1	-	1	-	-	-
Buffalo Center	1	1	-	1	1	-	-	-	-
German (7-12)	16	3	13	15	3	12	1	-	1
Albany Center	2	-	2	2	-	2	-	-	-
Buffalo Center	4	2	2	3	2	1	1	-	1
Stony Brook Center	2	-	2	2	-	2	-	-	-
New Paltz College	3	-	3	3	-	3	-	-	-
Oneonta College	2	1	1	2	1	1	-	-	-
Oswego College	3	-	3	3	-	3	-	-	-
Russian (7-12)	2	-	2	2	-	2	-	-	-
Albany Center	1	-	1	1	-	1	-	-	-
Stony Brook Center	1	-	1	1	-	1	-	-	-

TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Italian (7-12)	6	1	5	6	1	5	-	-	-
Albany Center	3	-	3	3	-	3	-	-	-
Stony Brook Center	3	1	2	3	1	2	-	-	-
Mathematics (7-12)	135	44	91	75	33	42	60	11	49
Albany Center	23	4	19	6	4	2	17	-	17
Binghamton Center	5	-	5	-	-	-	5	-	5
Buffalo Center	16	9	7	11	6	5	5	3	2
Stony Brook Center	9	5	4	9	5	4	-	-	-
Brockport College	15	6	9	8	3	5	7	3	4
Buffalo College	22	5	17	8	3	5	14	2	12
Cortland College	9	2	7	8	2	6	1	-	1
Fredonia College	13	4	9	6	2	4	7	2	5
Geneseo College	3	2	1	2	2	-	1	-	1
New Paltz College	1	-	1	-	-	-	1	-	1
Oneonta College	11	5	6	11	5	6	-	-	-
Oswego College	2	-	2	2	-	2	-	-	-
Potsdam College	6	2	4	4	1	3	2	1	1
Biology (7-12)	109	54	55	74	39	35	35	15	20
Albany Center	19	9	10	9	4	5	10	5	5
Binghamton Center	1	1	-	-	-	-	1	1	-
Buffalo Center	11	8	3	8	8	-	3	-	3
Stony Brook Center	3	1	2	3	1	2	-	-	-

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Biology (7-12) (continued)									
Brockport College	15	10	5	12	8	4	3	2	1
Buffalo College	18	7	11	11	4	7	7	3	4
Cortland College	11	5	6	7	2	5	4	3	1
Fredonia College	3	3	-	3	3	-	-	-	-
Geneseo College	3	1	2	3	1	2	-	-	-
New Paltz College	9	2	7	3	1	2	6	1	5
Oneonta College	7	4	3	7	4	3	-	-	-
Oswego College	3	-	3	3	-	3	-	-	-
Plattsburgh College	2	1	1	2	1	1	-	-	-
Potsdam College	4	2	2	3	2	1	1	-	1
Chemistry (7-12)	11	6	5	7	4	3	4	2	2
Albany Center	1	1	-	-	-	-	1	1	-
Buffalo Center	2	1	1	2	1	1	-	-	-
Stony Brook Cent	1	-	1	1	-	1	-	-	-
Brockport Colleg	3	1	2	-	-	-	3	1	2
Buffalo College	1	1	-	1	1	-	-	-	-
Oneonta College	1	1	-	1	1	-	-	-	-
Oswego College	1	1	-	1	1	-	-	-	-
Plattsburgh College	1	-	1	1	-	1	-	-	-
Physics (7-12)	10	8	2	9	8	1	1	-	1
Buffalo Center	1	-	1	-	-	-	1	-	1
Cortland College	2	1	1	2	1	1	-	-	-
Fredonia College	1	1	-	1	1	-	-	-	-

TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Physics (7-12) (continued)									
New Paltz College	1	1	-	1	1	-	-	-	-
Oneonta College	2	2	-	2	2	-	-	-	-
Oswego College	2	2	-	2	2	-	-	-	-
Potsdam College	1	1	-	1	1	-	-	-	-
Earth Science (7-12)	41	28	13	32	23	9	9	5	4
Buffalo Center	2	1	1	-	-	-	2	1	1
Stony Brook Center	3	3	-	3	3	-	-	-	-
Brockport College	9	9	-	7	7	-	2	2	-
Buffalo College	4	2	2	3	2	1	1	-	1
Cortland College	1	1	-	1	1	-	-	-	-
Fredonia College	2	1	1	1	1	-	1	-	1
Geneseo College	1	-	1	1	-	1	-	-	-
New Paltz College	6	5	1	4	3	1	2	2	-
Oneonta College	3	2	1	3	2	1	-	-	-
Oswego College	5	3	2	4	3	1	1	-	1
Plattsburgh College	4	-	4	4	-	4	-	-	-
Potsdam College	1	1	-	1	1	-	-	-	-
Agriculture	19	10	9	12	9	3	7	1	6
Agriculture and Life Sciences	19	10	9	12	9	3	7	1	6

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Art	185	35	150	152	29	123	33	6	27
Buffalo Center	7	3	4	5	1	4	2	2	-
Buffalo College	127	24	103	105	20	85	22	4	18
New Paltz College	51	8	43	42	8	34	9	-	9
Health	109	35	74	100	34	66	9	1	8
Buffalo Center	2	-	2	1	-	1	1	-	1
Brockport College	21	5	16	21	5	16	-	-	-
Cortland College	58	14	44	50	13	37	8	1	7
Plattsburgh College	28	16	12	28	16	12	-	-	-
Home Economics	161	-	161	141	-	141	20	-	20
Buffalo College	48	-	48	31	-	31	17	-	17
Oneonta College	42	-	42	40	-	40	2	-	2
Plattsburgh College	43	-	43	42	-	42	1	-	1
Human Ecology	28	-	28	28	-	28	-	-	-
Industrial Arts	305	286	19	282	263	19	23	23	-
Buffalo College	101	98	3	83	80	3	18	18	-
Oswego College	204	188	16	199	183	16	5	5	-
School Media Specialist	60	4	56	-	-	-	60	4	56
Albany Center	20	1	19	-	-	-	20	1	19
Buffalo Center	15	1	14	-	-	-	15	1	14
Geneseo College	25	2	23	-	-	-	25	2	23

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Music	225	91	134	191	76	115	34	15	19
Buffalo Center	34	17	17	9	4	5	25	13	12
Fredonia College	75	30	45	66	28	38	9	2	7
Potsdam College	116	44	72	116	44	72	-	-	-
Physical Education	524	249	275	495	235	260	29	14	15
Buffalo Center	13	9	4	12	9	3	1	-	1
Brockport College	217	101	116	214	99	115	3	2	1
Cortland College	294	139	155	269	127	142	25	12	13
Recreation	62	16	46	60	15	45	2	1	1
Cortland College	62	16	46	60	15	45	2	1	1
Speech	18	6	12	15	6	9	3	-	3
Buffalo Center	1	-	1	1	-	1	-	-	-
Brockport College	2	-	2	1	-	1	1	-	1
Cortland College	5	-	5	3	-	3	2	-	2
Geneseo College	8	4	4	8	4	4	-	-	-
Oneonta College	2	2	-	2	2	-	-	-	-
Business Education	24	8	16	4	1	3	20	7	13
Albany Center	24	8	16	4	1	3	20	7	13

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Wom
Business and Distributive Education	69	22	47	60	18	42	9	4	5
Albany Center	44	14	30	36	10	26	8	4	4
Buffalo College	25	8	17	24	8	16	1	-	1
Trade Subjects	44	35	9	32	27	5	12	8	4
Buffalo College	5	4	1	5	4	1	-	-	-
Technology at Utica/Rome College	39	31	8	27	23	4	12	8	4
Technical Subjects	10	1	9	2	1	1	8	-	8
Technology at Utica/Rome College	10	1	9	2	1	1	8	-	8
Speech and Hearing Handicapped	331	8	323	277	6	271	54	2	52
Albany Center	19	-	19	17	-	17	2	-	2
Buffalo Center	15	-	15	-	-	-	15	-	15
Brockport College	21	1	20	21	1	20	-	-	-
Buffalo College	58	1	57	43	1	42	15	-	15
Cortland College	36	1	35	36	1	35	-	-	-
Fredonia College	44	1	43	33	-	33	11	1	10
Geneseo College	92	2	90	81	1	80	11	1	10
New Paltz College	25	2	23	25	2	23	-	-	-
Plattsburgh College	21	-	21	21	-	21	-	-	-
Deaf	10	3	7	-	-	-	10	3	7
Geneseo College	10	3	7	-	-	-	10	3	7

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1978 THROUGH JUNE 30, 1979
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Special Education	619	67	552	420	34	386	199	33	166
Albany Center	21	6	15	-	-	-	21	6	15
Binghamton Center	16	2	14	-	-	-	16	2	14
Buffalo College	305	29	276	211	19	192	94	10	84
Geneseo College	194	16	178	166	12	154	28	4	24
New Paltz College	39	11	28	-	-	-	39	11	28
Plattsburgh College	44	3	41	43	3	40	1	-	1
Coordinator of Diversified Cooperative Work-Study Programs[a]	1	-	1	-	-	-	1	-	1
Albany Center	1	-	1	-	-	-	1	-	1
Reading Teacher	205	17	188	182	16	166	23	1	22
Albany Center	66	7	59	64	7	57	2	-	2
Binghamton Center	3	-	3	3	-	3	-	-	-
Buffalo Center	30	-	30	30	-	30	-	-	-
Brockport College	18	-	18	18	-	18	-	-	-
Buffalo College	44	6	38	37	5	32	7	1	6
Geneseo College	16	3	13	16	3	13	-	-	-
Oneonta College	9	-	9	2	-	2	7	-	7
Oswego College	7	-	7	-	-	-	7	-	7
Plattsburgh College	4	-	4	4	-	4	-	-	-
Potsdam College	8	1	7	8	1	7	-	-	-
Nursery School - Kindergarten	2	-	2	2	-	2	-	-	-
Human Ecology	2	-	2	2	-	2	-	-	-

[a]This certificate is an extension of an Industrial Arts or Occupational Subjects Certificate.

PART FIVE

APPENDIX

CHANGES IN CERTIFICATION AREAS
1966-67 THROUGH 1978-79

Former Certification Areas (1966-67 through 1974-75)	Current Certification Areas[a] (1975-76 through present)
Superintendent Deputy Superintendent	School District Administrator
Secondary Principal Vocational Principal Technical High School Principal Elementary Principal Director of Vocational Education Director of Health, Physical Education and Recreation Secondary Supervisor Vocational Supervisor Shop Subjects Trades Supervisor Teacher-Coordinator of Vocational-Industrial Cooperative Program Elementary Supervisor	School Administrator and Supervisor
Guidance Counselor Guidance	School Counselor
Early Childhood Specialization	Elementary Teacher, N-6
Elementary Teacher, N-6 and Reading (7-9)	Elementary Teacher, N-6 and English (7-9)
Geology	Earth Science (7-12)
Homemaking	Home Economics
Library Library Media Specialist	School Media Specialist (Library)
Physical Education and Hygiene	Physical Education
Commerce General Commercial Stenography and Typewriting Accounting and Business Practice	Business Education
Commerce and Distributive Occupation Subjects Merchandising and Sales Distributive Education	Business and Distributive Education

[a]Certification areas from Teacher Education Programs, April 1978: Albany, New York, State Education Department.

CHANGES IN CERTIFICATION AREAS
1966-67 THROUGH 1978-79
(Continued)

Former Certification Areas (1966-67 through 1974-75)	Current Certification Areas (1975-76 through present)
Shop Subjects Trades Related Trade Subjects	Trade Subjects
Related Technical Subjects	Technical Subjects
Mentally Handicapped Mentally Retarded Physically Handicapped-Orthopedic Teacher of the Learning Handicapped	Special Education
Dental Hygienist	School Dental Hygiene Teacher[a]

[a]School Dental Hygiene Teacher is no longer an approved program at any State University of New York institution.

PUBLICATIONS LIST
CENTRAL STAFF OFFICE OF INSTITUTIONAL RESEARCH AND ANALYTICAL STUDIES

Report Number	Title
B-1	Degrees and Other Formal Awards Granted During 1967-1968 (OUT OF PRINT)
D-1	Preparation of Educational Personnel, 1966-1967 and 1967-1968 (OUT OF PRINT)
C-1	Enrollment by Academic Program, Fall 1968 (OUT OF PRINT)
-	Degree and Other Formal Programs Currently Offered, September 1969
1	Enrollment, Housing and Financial Aids of Minority Group Students, Fall 1968 (OUT OF PRINT)
3	Campus School Statistics, 1966-1967-1968 (OUT OF PRINT)
5	Geographic Origins of Students, Fall 1968 (OUT OF PRINT)
6	Geographic Origins of First-time Students, Fall 1968
7	1968-1969 Headcount Enrollment and Full-time Equivalent Workload Statistics of Credit Course Students
8	Academic Library Statistics, 1967-1969 (OUT OF PRINT)
10	1969-1970 Headcount Enrollment and Full-time Equivalent Workload Statistics of Credit Course Students
11	Trends in Enrollment and Degrees, 1948-1970
12	Geographic Origins of Students, Fall 1969
13	Geographic Origins of First-time Students, Fall 1969
14	Summer Credit Course Students, 1968-1970 (OUT OF PRINT)
15	Application and Enrollment Patterns of Transfer Students, Fall 1970
16	Campus School Statistics, 1966-1970
17	Graduate Student Admissions Survey, Fall 1970 (OUT OF PRINT)
18	Academic Library Statistics, 1969-1970

PUBLICATIONS LIST
CENTRAL STAFF OFFICE OF INSTITUTIONAL RESEARCH AND ANALYTICAL STUDIES
(Continued)

Report Number	Title
19	Inventory of Selected Interinstitutional Cooperative Arrangements as of January 1971 (OUT OF PRINT)
-	Faculty and Staff Statistics by Job Category, Ethnic Group, Tenure, Rank and Sex, Fall 1970
-	Directory of Selected Campus Administrative Personnel of the State University of New York, 1971 (OUT OF PRINT)
20	Summer 1971 Credit Course Students with 1968-1971 Trends (OUT OF PRINT)
21	Geographic Origins of Students, Fall 1970 (OUT OF PRINT)
22	Geographic Origins of First-time Students, Fall 1970 (OUT OF PRINT)
23	Employee Characteristics and Salary Statistics, Fall 1970 (OUT OF PRINT)
24	1970-1971 Headcount Enrollment and Full-time Equivalent Workload Statistics of Credit Course Students (OUT OF PRINT)
25	Characteristics of Institutions Under the Program of the State University of New York, Fall 1970
26	Degree and Other Formal Programs Currently Offered, Fall 1971 (OUT OF PRINT)
27	Migration of U.S. College Students with Emphasis on New York State, Fall 1968 (OUT OF PRINT)
28	Preparation of Educational Personnel 1968-1969, 1969-1970 and 1970-1971 with Trends from 1966-1967 (OUT OF PRINT)
29	Application and Enrollment Patterns of Transfer Students, Fall 1971
31	Tuition Waivers Honored by State-operated Institutions of the State University of New York, 1970-71 and 1971-72 (OUT OF PRINT)
32	Graduate Student Admissions Survey, 1971

PUBLICATIONS LIST
CENTRAL STAFF OFFICE OF INSTITUTIONAL RESEARCH AND ANALYTICAL STUDIES
(Continued)

Report Number	Title
33	Enrollment by Academic Program, Fall 1968 through Fall 1971 (OUT OF PRINT)
34	Minority Group Enrollment, Housing and Financial Aid Statistics, Fall 1969 Through Fall 1971
35	Geographic Origins of First-time Students, Fall 1971 (OUT OF PRINT)
36	Geographic Origins of Students, Fall 1971
37	Trends in Enrollment and Degrees Granted, 1948-1972 (OUT OF PRINT)
38	Graduate Student Admissions Survey, 1972
39	Geographic Origins of First-time Students, Fall 1972
41	Application and Enrollment Patterns of Transfer Students, Fall 1972 (OUT OF PRINT)
42	Geographic Origins of Students, Fall 1972
1-74	Graduate Student Admissions Survey, 1973
2-75	Geographic Origins of Students, Fall 1973 (OUT OF PRINT)
3-75	Geographic Origins of First-time Students, Fall 1973 (OUT OF PRINT)
4-74	Attrition and Retention of First-time, Full-time Students in Two-year and Baccalaureate Degree Programs, Class of 1973 (OUT OF PRINT)
5-74	Enrollment by Academic Program, Fall 1969 Through Fall 1972
1-75	Graduate Student Admissions Survey, 1974
6-75	Application and Enrollment Patterns of Transfer Students, Fall 1973
7-75	Trends in Enrollment and Degrees Granted, 1948-1974
8-75	Age Group and Sex of Students, Fall 1974 (OUT OF PRINT)

PUBLICATIONS LIST
CENTRAL STAFF OFFICE OF INSTITUTIONAL RESEARCH AND ANALYTICAL STUDIES
(Continued)

Report Number	Title
9-75	Utilization of Residence Hall Facilities, Fall 1974 and Fall 1975
1-76	Graduate Student Admissions Survey, 1975
2-76	Geographic Origins of Students, Fall 1974
2-76A	Geographic Origins of Students, Fall 1975
3-76	Geographic Origins of First-time Students, Fall 1974
3-76A	Geographic Origins of First-time Students, Fall 1975
4-76	Attrition and Retention of First-time, Full-time Students in Two-year and Baccalaureate Degree Programs, Class of 1974 (OUT OF PRINT)
6-76	Application and Enrollment Patterns of Transfer Students, Fall 1974
6-76A	Application and Enrollment Patterns of Transfer Students, Fall 1975
8-76	Age Group and Sex of Students, Fall 1975
9-76	Utilization of Residence Hall Facilities, Fall 1976 with Trends from Fall 1974
10-76	Preparation of Educational Personnel, 1971-72 Through 1974-75 with Trends from 1966-67
10-76A	Preparation of Educational Personnel, 1972-73 Through 1975-76 with Trends from 1966-67
11-76	Campus School Statistics, Fall 1971 - Fall 1975 with Trends from Fall 1966
12-76	Academic Library Statistics, Fall 1972 and Fall 1975
13-76	Placement in Fall 1975 of Persons Completing Preparation for Education Certifications in 1974-75
1-77	Graduate Student Admissions Survey, 1976
7-77	Trends in Enrollment and Degrees Granted, 1948-1976 (OUT OF PRINT)

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CENTRAL STAFF OFFICE OF INSTITUTIONAL RESEARCH AND ANALYTICAL STUDIES
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